Student ePortfolio Workshop for Chem Majors

G. Alex Ambrose
Interim Coordinator of the Notre Dame ePortfolio Engagement Project (nDEEP)
8/28/12
Overview

- What
- Why
- How
What does an eP look like?
Handout Question 1
What does an eP mean to you?
Handout Question 2
How are you going to organize your eP?
Hello, and welcome to my e-Portfolio! In creating this online presentation, I hope to tell you more about myself, my interests, and my potential research pursuits related to the life sciences. Thank you for visiting and feel free to contact me with any comments or questions; here is a link to my resume.

Matthew Nicholas Metzinger

Science Preprofessional Studies
Spanish Supplementary Major

Youngstown, Ohio

https://nd.digication.com/matthew_n_metzinger/Welcome/published
MATLAB Examples

The following images and the video are from my Automatic Guitar Tuner Project in Introduction to Engineering...
I've learned that people will forget what you said. People will forget what you did, but people will never forget how you made them feel.

First Yr

Advising
- Engineering Advising
- Questionnaire
- Mid Year Self Assessment
- End of Year Self Assessment
- Capstone Essay

NAME: Ihuoma Chimela Nwaogwugwu

HOMETOWN: Marietta, Georgia

INTENDED MAJOR: Mechanical Engineering

https://nd.digication.com/ihuoma_nwaogwugwu/Freshman2/published
Welcome

Welcome to my world, the product of my imagination. My name is Samantha Lassen. In the era of modern technology, the opportunity exists for us to experience the world and share it with others in a variety of ways. Now, we can go beyond a simple resume, portfolio, or piece of paper and develop a deeper insight into who an individual is, with a simple click of a button. Allow me to tell you a little about myself. I am a Program of Liberal Studies and Graphic Design double major in my First Year of Studies at the University of Notre Dame. I possess an insatiable curiosity and a passion for learning. I hope this site allows me to share a little more of myself, a part that cannot be captured on paper. Through it, I also hope to facilitate and stretch the limits of my own creativity. Feel free to explore–perhaps the “Spark of Creativity” will ignite your own imagination.
Spark of Creativity

A picture is worth 1000 words. What about a “picture of words”?  
Link: [https://nd.digication.com/spark_of_creativity/About_Me](https://nd.digication.com/spark_of_creativity/About_Me)
He Walks AMONG US

You are invited to join us for
Eucharistic Procession

Sunday, April 22, 2012
Following the 11:45 Basilica Mass
The Knights of Columbus will provide
a free picnic immediately following the procession.

Fr. Steve LeClair asked me to design the poster advertising the Eighth Annual Eucharistic Procession held at Notre Dame on April 22. This is the final poster design, which will be displayed across campus and the South Bend community.
Resume

Printable Version

Karina Dubé
(617) 697-8185 | kdube@nd.edu
https://nd.digication.com/karina_dube_nd/welcome/

Current Address:
206 Lewis Hall
Notre Dame, IN 46556

Permanent Address:
241 Lynn Fells Pkwy
Saugus MA, 01906

OBJECTIVE
To develop the skills that will be necessary for the development of my career

EDUCATION
UNIVERSITY OF NOTRE DAME
Electrical Engineering
GPA: 3.6-4.0

Notre Dame, IN
May 2015

ST. MARY'S JR/SR HIGH SCHOOL
Lynn, MA
GPA: 4.33
Class rank: 1/147

HONORS
Notre Dame Scholar
Harvard Book Award Recipient 2010
AP Scholar with Honors

EXPERIENCE
INTRODUCTION TO ENGINEERING SYSTEMS I
Notre Dame
August 2011 - December 2012
• Designed a working “lion pet” robot.
• Programmed all of the actions of the robot including avoiding objects, chasing, and feeding, on LABVIEW

ADMINISTRATIVE ASSISTANT for REAL ESTATE LAWYER
Lynn, MA
September 2009 - June 2011
• created legal documents using computer software
• answered multiple line telephone
• paid bills/organized files

ACTIVITIES
Choreographer/Membership, Filipino American Student Organization
Member, Society of Women Engineers
Performer, Iswelahan Filipino Rondalla of Boston
Co-captain, Varsity Volleyball (St. Mary’s Jr/Sr High School)

SKILLS
Computer: Word, Excel, Powerpoint, MATLAB
This template is for Chemistry and Biochemistry Students. You can follow the directions to replace this text with your own content. You are encouraged to customize the theme, colors, style, and even add additional sections and pages but please use this as a base template and structure.

This is your home page, be sure to include a quick profile (pic, name, intended major, hometown) and a welcome/rationale/vision statement using these guidelines.
What is an eP?
e•Port•fo•li•o  
noun: an electronic space, story, and system that functions as a workspace and showcase in which to collect, select, reflect, publish, link, archive, and demonstrate knowledge, skills, reflections, and more as multimedia evidence of what you know and can do.

Similar labels: electronic portfolios, e-folios, web folios, and digital or virtual portfolios
Handout Question #3: What’s your evidence?

Right now think of 2-3 pieces of evidence that can prove to yourself, parents, potential employer, and/or graduate admissions that could showcase:

Who you are? What’s your story?
What you know? Why should I hire you?
What you can do? What skills do you have?
What you value? Why you do what you do?
What goes in an eP?
Artifacts = evidence of what we know and can do
Portfolio Thinking
Portfolio Thinking
Portfolio Thinking

Artifact = Shows what you Know and can Do (Attach, Upload, Link or Embed text/visual/video)

Reflection

Reflection in Action
Reflection on Action & For Action
(Description, What, So What, Now What?)

Artifact

= Shows what you Know and can Do
(Attach, Upload, Link or Embed text/visual/video)

Reflection in Action
Portfolio Thinking

Evidence

= Artifact + Reflection
(Knowledge, Skills, & Disposition)

Reflection

Reflection on Action & For Action
(Description, What, So What, Now What?)

Artifact

= Shows what you Know and can Do
(Attach, Upload, Link or Embed text/visual/video)

Reflection in Action
Portfolio Thinking

Matrix Menu

Organized by: Standards, Objectives, Themes, Questions (Site Map)

1 2 3

Evidence

= Artifact + Reflection (Knowledge, Skills, & Disposition)

Reflection

Reflection on Action & For Action (Description, What, So What, Now What?)

Artifact

= Shows what you Know and can Do (Attach, Upload, Link or Embed text/visual/video)

Reflection in Action

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Portfolio Thinking

Organized by: Standards, Objectives, Themes, Questions
(Site Map)

Matrix Menu

1 2 3

Evidence = Artifact + Reflection
(Knowledge, Skills, & Disposition)

Reflection on Action & For Action
(Description, What, So What, Now What?)

Artifact = Shows what you Know and can Do
(Attach, Upload, Link or Embed text/visual/video)

Reflection

Reflection in Action

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University Outcomes
Matrix Menu

Not only is important for you to be aware of your First Year of Studies milestones and your Program’s Intended outcomes but it is also important that you are aware from the start what the university expects by the time you graduate. Now that you have built and begun to fill your ePortfolio with multiple forms of evidence for various outcomes, you will have collected multiple reflections and artifacts. Your task, over your four years here, is to organize your journal entries, portfolio pages, and artifacts into a matrix menu below, which lists all of the key outcomes for the university. In short, the matrix menu is a table of contents that provides a space and system to provide plans for growth and a collection of evidence of your mastery of each outcome.

<table>
<thead>
<tr>
<th>University Outcome</th>
<th>Plans for Growth &amp; Linking Evidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquire, synthesize, and communicate knowledge by incorporating relevant disciplinary approaches, cultural perspectives, and Catholic intellectual tradition.</td>
<td>* Assignments/responses to selected test questions from Core Curriculum courses <a href="https://nd.dipiration.com/kathleen_krah">https://nd.dipiration.com/kathleen_krah</a> /First Yr <a href="https://nd.dipiration.com/kathleen_krah">https://nd.dipiration.com/kathleen_krah</a> /Terrorism Joseph Kony and the LRA</td>
</tr>
<tr>
<td>Recognize moral and ethical questions in lived experiences, evaluate competing options, and act with</td>
<td>* Theses/senior-level term papers/capstone essays</td>
</tr>
<tr>
<td></td>
<td>- Projects that require students to draw on different “disciplines”</td>
</tr>
<tr>
<td></td>
<td>* Conference presentations</td>
</tr>
<tr>
<td></td>
<td>* Assignments/responses to selected test questions from Core Curriculum courses (PHIL and THEO) and, in business and other professions, from courses in ethics <a href="https://nd.dipiration.com/kathleen_krah">https://nd.dipiration.com/kathleen_krah</a> /Terrorism Joseph Kony and the LRA</td>
</tr>
<tr>
<td></td>
<td>* Community service participation</td>
</tr>
</tbody>
</table>
Test Analysis
posted Oct 26, 2010 4:51 PM by Irene Kubergans [ updated Oct 26, 2010 5:12 PM ]

I was not satisfied with my test result. I came out knowing that I missed two for sure and the rest I was fairly confident. Here are the questions I missed and why I think I missed them:

Question #2

I missed this question because I confused the electron configuration of the element with the one of the ion.

Question #4

I missed this question because I answered a different question than the one asked. I answered what is the maximum number of electrons that an atom in period 4 because I associated quantum number with period.

Question #6

I still don't understand how the answer is 4.5 for this one. So that might be an indicator of why I missed it.

Question #8

I failed to considered the electro-negativity of Oxygen and weighted the H-bond instead. Additionally I did not know that lone pairs increase dipole moments.

https://sites.google.com/a/nd.edu/kwiromeo/miscellaneous/learning-log/testanalysis
Understanding Engineering Concepts

Capacity to define and fully understand technical problems presented in a collegiate setting.

**EG1011 Module 1 Final Report** - This paper reflects my first experience in a class tailored toward those considering studying engineering. I worked with a team to optimize a bracing scheme of a K'Nex tower with a set limit state of deflection. Together, we defined the technical problem and used a systematic method of analysis to determine their final design.

**EG1012 Module 4 Final Report** - This paper was the culmination of my experience in Notre Dame's first-year engineering program. Four other teammates and I designed from scratch a rally car with an electrically propelled bullet. Our group had to account for restraints on the materials, size, cost, and safety of their project throughout the design process.

All the activity and analysis that went into creating the engineering concepts involved. The skills I have attained as a well-rounded engineer.
Next Generation E-Portfolio Model

Component:
- Portfolio
- Journal

Technology:
- Artifacts & Reflections
- Bottom-Up
- 3/20 Text Attachment
- 3/15 Hypertext Link
- 3/7 Visual Upload
- 3/1 Video Embed
- 2/20 Audio Capture

Portfolio Type:
- Working & Documentation
- Showcase & Presentation
- Developmental & Organizational

Portfolio Process:
- Collect & Reflect
- Select & Present
- Connect & Collaborate

System:
- Personal Knowledge Management
- Personal Learning Environment
- Personal Learning Network

Profiles
- LinkedIn
- Social Bookmarks
- Twitter
- RSS/Blog Roll
- IM

Profiles
- Social Networks
- People & Relationships
- Networked

Profiles
- 1
- 2
- 3

Portfolio
- Wiki
- Themes & Standards
- Top-Down

Matrix Menu

IM
Handout Question 4: Who is your target audience?
What types of eP’s are there?
Who will have access?

<table>
<thead>
<tr>
<th>Role</th>
<th>Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin</td>
<td>Remove</td>
</tr>
<tr>
<td>Admin</td>
<td>Remove</td>
</tr>
<tr>
<td>Viewer</td>
<td>Remove</td>
</tr>
<tr>
<td>Editor</td>
<td>Remove</td>
</tr>
<tr>
<td>Publisher</td>
<td>Remove</td>
</tr>
<tr>
<td>Admin</td>
<td>Remove</td>
</tr>
</tbody>
</table>

**Viewer:**
can view your e-Portfolio

**Editor:**
can edit your e-Portfolio but not publish

**Publisher:**
can edit and publish your e-Portfolio

**Admin:**
can edit e-Portfolio settings including adding and removing users, edit and publish your e-Portfolio.
Who is your target audience?

- Yourself
- Advisor
- Classmates
- Admissions
- Employer
- Professor
- Parents
- Applications

Audience
Why use an eP?
1st Year

- Student builds an e-portfolio with the support of their advisor

2nd Year

- Advisor uses it for learning contract, plan & strategies
- Student uses it to ID skills & passions → academic interest

3rd Year

- Student collects LTRs of rec
- Career services use it for digital resume & dossier
- Student uses it for study abroad & reflection

4th Year

- Student uses it for applying for internship
- Student uses it for senior project/thesis
- Alumni services use it to organize a network and collect qualitative and longitudinal data

Beyond

- Employee uses it for professional development
- Individual uses it for lifelong learning
- Student uses it to get into grad school
- Student uses it for senior project/thesis
Dear (Mentor),

As we discussed in our meeting today, I have been given an opportunity to apply for (a scholarship/study aboard/graduate school). Thanks again for agreeing to write me a letter of recommendation.

In order to help you prepare my letter of recommendation, I have given you access to view my electronic portfolio at (insert website). You may find these particular pages (direct links channeling to relevant parts of your ePortfolio) helpful in providing you evidence of relevant experience, skills, and samples for this particular application.

For more information about the program I am applying to visit (link). Just a reminder, the deadline is (date). Please let me know if you need any other information. Thanks again.

Dear (Advisor),

I have scheduled an appointment to meet with you tomorrow to talk about choosing a major. In order to prepare you for our meeting and give you some background of my academic interests, goals, and plans I have given you access to view my electronic portfolio online at (insert website). I am looking forward to meeting with you. Thanks so much.

Dear (Potential Employer),

I am following up on our meeting last night. Attached you will find my cover letter and resume. I have also given you access to view my electronic portfolio online at (insert website). Here you will find evidence of relevant experience, skills, and samples. It was nice to meet you at the job fair last night.
Multi-Functional Tool

Documentation
- Assessment
- Accountability
- Articulation
- Accreditation

Presentation
- Showcase
- Digital Resume
- Virtual CV

Collaboration
- Personal Learning Networks
- Organizational Cascading Folios
- Project Management/Workflow
Multi-Purpose Tool

Personal
- Lifelong learning
- Personal Development
- Self identity

Professional
- Career Planning/Preparation
- Resume/CV
- Performance Review/Goals
- Professional Development

Educational/Training
- Learning
- Tracking
- Planning
- Reflecting

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Multi-Curricular Tool

A-Curricular
• Classes
• Assignments
• Projects
• Papers

Co-Curricular
• Study Aboard
• Service Learning
• Internships
• Research
• Leadership

Extra-Curricular
• Jobs
• Clubs
• Sports

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The Ultimate 21st C. Learning Swiss Army Knife

E-Portfolios

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