ResearchWeb
Midterm Presentation

IPRO 321
October, 2009

Presenters:
Zach Cornelius
Max de Courten-Myers
Bethany Nicholson

Matt Abhay
Tom Corsus
Adam Eberlin
James Kapaldo
Yuriy Sizyuk
Stephen Sundberg
Professor Robert Ellis
Problem

Lack of understanding about the research process

Lack of promotion of research opportunities for undergraduate (UG) students

UGs introduced to the research have no vehicle to ease them into research and publish findings
Team Organization

Anandha Abhay
Team Lead

Zachary Cornelius
Code Lead

Maximilian de Courten-Myers

Adam Eberlin

Stephen Sundberg

Programmers

Robert Ellis
Faculty Advisor

Bethany Nicholson
R&M Lead

Tom Corsus

James Kapaldo

Yuriy Sizyuk

Research & Marketing
Goals

- Improve/Expand UG Research at IIT
- Mock out all views/interfaces
- Hold internal testing (alpha)
- Hold open testing (beta)
- Launch advertising campaign
Progress

- Survey of UG Researchers
- Design of Site Features
- Learning Ruby on Rails
Progress cont.

• Final Site Concept

Illinois Tech ResearchWeb

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James Kapaldo

Information:
- Born: March 1989
- College: Illinois Tech
- Current Position: Student
- Major: Physics
- Year: Junior
- E-mail: jkapaldo@iit.edu

Current Projects and Activities:
- Currently working on the development of ResearchWeb.
- Currently a Residence Advisor for Illinois Tech.

Past Projects/Work Experiences:
- Worked as intern in software engineering for Systems Planning and Analysis Inc.
- Research intern at Max-Planck Institute for Quantum Optics.

Research Projects being watched:
- Electric field enhancement from nanosized prisms.
- Quantum entanglement over long distances.

Additional Information:

Send Message

Chat

Research Colleagues:
- Yuriy Stryek
- Tom Torres
- Bethany Nicholson
- Anandha Alalay
- Zach Cornelious
- Max DeCereto-Meers
- Stephen Sandberg
- Professor Robert Ellis

See All ▸
Progress cont.

- First Version Site Online
## Major Obstacles

<table>
<thead>
<tr>
<th>Obstacles</th>
<th>Resolutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using Ruby on Rails and Agile Model</td>
<td>Ruby on Rails and agile software development consultants</td>
</tr>
<tr>
<td>Lost ResearchWeb from 2008</td>
<td>GIT software to back up and track code changes</td>
</tr>
<tr>
<td>Setting up in-house hardware to host content</td>
<td>Virtual Private Server from <a href="http://www.linode.com/">http://www.linode.com/</a></td>
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</tbody>
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Future Challenges

- Reaching Beta Stage of Development
- Acceptance Testing to Keep on Track
- Usability Testing
- Building a User Community
Questions?