

## Summary

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As a designer and front-end developer I am driven to design and build highly functional software products that are simple, familiar to users, and extremely pleasing. Opportunities to grow products from conception to final execution excite me and allow me to apply my diverse design and engineering skills.

## Education

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### **Class of 2010: Rensselaer Polytechnic Institute, Troy NY**

M.S. Human-Computer Interaction Design, May 2010 (GPA: 4.00 / 4.00)

B.S. Computer and Systems Engineering, May 2010 (GPA: 3.63 / 4.00)

## Software Skills

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Languages & Frameworks: JavaScript (jQuery, traditional), HTML 5, CSS, Java (Spring MVC, JSF), Ruby on Rails, C++, Qt 4, Python  
Other Software: Twitter Bootstrap and other UI toolkits, Adobe Design Suite (CS6), Balsamiq Mockups, Git, Svn

## Work Experience

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Sandia National Laboratories (SNL)  
Albuquerque, New Mexico  
2010 - Present

### **Lead User Experience (UX) Designer, Software Research & Development**

- » Led User Experience design and development for two prominent web products. Served as business analyst, conceptual designer, front-end developer, product validator, and trainer in myriad roles.
- » Created front-end development toolkit to help reduce the time and complexity of developing great interfaces for SNL web applications. Extended CSS precompiler mixins and JavaScript plugins.
- » Designed and built Qt C++ applications to visualize image products created from Synthetic Aperture Radar data collections. One application became a training tool due to high user satisfaction.

Innio, Inc.  
Wynantskill, New York  
2010 - Present

### **Co-Founder, Lead Designer**

- » Created the User Experience and Information Architecture for an interactive online payment system used to advertise and sell Innio products to customers around the world.
- » Established product strategy, pricing, and marketing for Software as a Service (SaaS) offerings.

Intellidemia, Inc.  
Troy, New York  
2007 - 2009

### **UX Designer, Product Marketing**

- » Designed and implemented an elegant, functional user interface for a novel syllabus manager with which instructors are comfortable within 30 minutes. (<http://intellidemia.com>)
- » Planned and executed successful marketing strategies to sell the product to education professionals.

## Leadership

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Concerto Digital Signage  
2007 - Present

### **Product Designer, Marketing**

- » Led the design and interface implementation of an open source digital signage platform that is today downloaded and used by people in over 70 countries. (<http://concerto-signage.org>)
- » Helped grow the first Concerto advertising network at RPI to include nearly every on-campus organization. Expanded network to include \$65,000+ of hardware for displaying content.

## Recognition

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- » Employee Recognition Award for Significant Contributions, Sandia National Labs (2012)
- » NCIIA E-Team Grant (\$16,000, 2008) and RPI Class of '51 Entrepreneurship Award (\$5,000, 2009)
- » Competitor, Rice University and Carnegie Mellon International Business Plan Competitions (2009)
- » Rensselaer Union Executive Board Member of the Year (2009)
- » Member, Tau Beta Pi National Engineering Honors Society (2007-Present)

## Special Interests

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Radio shows (Host of "Zaik on the Mic," 2010), skydiving, designing cities, interactive games, meditation. Building great businesses from the ground up.