

Danny Eiden

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Objective

Join a small to midsize start-up as a full stack developer with additional skills in product management and UX

Education

Northwestern University, Evanston IL

Graduation Anticipated in Jun 2015

Bachelor of Science in Computer Engineering (GPA: 3.99/4.0)

Relevant Courses: Data Structures & Algorithms, Databases, OS, User Experience, AI, Marketing Management

Languages, Frameworks, and Tools

- Proficient: Objective-C, Javascript, HTML, CSS, C++, C#, C, AngularJS, Ionic, Protractor, Foundation
- Familiar: Python, SQL, Perl, PHP, WebGL, MASM32, Django, Node.js, Express, Sails.js, Bootstrap

Experience

NUvention Web: TA

January 2015 - Present

Technical TA

- Grading weekly GitHub pull requests for progress and code quality
- Advising start-up teams in coding practices, product management, and product development

Northwestern User Experience & Mobile Dev Team

November 2014 - Present

Developer

- Developing ANSER Now, an Ionic app for the Argonne-Northwestern Solar Energy Research Center
- Writing automated tests for the ANSER Now app using Protractor

NUvention Web: Divit

January 2014 - Present

Developer, Designer, Product Manager

- Created a startup business dedicated to helping roommates split expenses through an app called Divit
- Developed and designed Divit for iOS, Android, and Web - helping roughly 200 users divide their costs
- Utilized Objective-C, HTML, CSS, Javascript, Node.js, Express, Parse, Mixpanel, Heroku, and GitHub
- Formed a business plan for Divit following Steve Blank's Customer Development model
- Wrote, designed, and presented a pitch for 24 investors
- Creating RESTful API for a new version of Divit using Sails.js

Discover Financial Services

June 2014 - September 2014

New Products and Innovation Product Management Intern

- Provided recommendations on strategy, naming, and pricing for a new card-linked discount product
- Developed a strategy to leverage Discover's data assets and tap into a 200 billion dollar market
- Created presentations for VPs and Directors recommending new strategies and explaining new products

Alcatel Lucent

June 2013 - August 2013

Intern under Lizette Velazquez

- Created web app for tracking previously undocumented projects using PHP and MySQL
- Mapped VLAN connections of a complex network using Microsoft Visio
- Won an intern robotics competition by programming a small Arduino robot to complete various tasks
- Managed multiple interns to create a blog post summarizing the intern robotics competition

Neuroscience and Robotics Lab

March 2013 - June 2013

Lab assistant under Nelson Rosa

- Augmented OptiTrack and OpenCV source code to calibrate cameras to track an autonomous robot
- Enhanced robot by wiring in LED lights for tracking

Northwestern Comprehensive Transplant Center

June 2012 - September 2012

Intern under Jason Wertheim, MD

- Assisted in research of liver synthesis via seeding cells into decellularized livers
- Suggested new method for the quantification of protein binding
- Created logo for lab website and assisted in website design

Maddak Inc

September 2011 - December 2011

Engineering Design and Communication Course

- Designed and produced a device to help people remove compression stockings
- Organized a team in the design, production, and formal presentation of the device, "The Handy Hook"