

# 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
- Designing the data model for Maven, a vendor assessment app for Northwestern

**NUvention Web: Divit**

**January 2014 - January 2015**

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
- Created 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"