

# Thomas Deegan

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## Experience

### **Yahoo! Inc, Software Engineering Intern, Sunnyvale CA, June 2014 — Present**

- Work alongside full time developers on the Mobile SDKs team
- Maintain internal iOS modules for use within Yahoo! Mobile applications
- Devised data mocking component that intercepts network API calls and returns consistent data for testing using OCMock 3
- Rewrote core components that are used throughout many Yahoo apps
- Wrote location based attraction recommendation feature that is now in Yahoo! Mail and Yahoo! app
- Worked with accessibility team to ensure sdk modules complied with the UIAccessibility framework

### **Beckman institute, Adult Learning Lab, Lead Programmer, Champaign IL, 2012 — Present**

- Responsible for maintaining and creating iPad applications within the Adult Learning Lab
- Work alongside graduate students to produce the software they use to conduct research testing

### **Enova Financial, Software Engineering Intern, Chicago IL, May 2013 — August 2013**

- Worked with other interns and full time developers in an agile development environment.
- Built tools and tuned language models for transcribing call center data. Text data used for fraud analytics.
- Improved customer search experience that drastically cut down on the time needed to query customer data

### **Phunware Inc, iOS Intern, Irvine CA, June 2012 — Aug 2012**

- Developed components of iPhone application for Turner Classic Movies
- Implemented asynchronous interfaces to the backend server to pull content
- Responsible for coding much of the application UI and implementation of Apple's Game Center and in-app purchase APIs

### **App Lab Creatives, iPhone Developer, Ann Arbor MI, June 2011 — Dec 2011**

- One of a team of two that developed an iPhone app targeted at college students. Available on the App Store via this link: <http://itunes.apple.com/us/app/slidester/id503409871?mt=8>
- Created interface with university online services to search and retrieve lecture content
- Programmed feature to record and synchronize lecture audio to a variety of presentation document formats (PDF, PPT, DOCS)

### **Programmer I Center for the Study of Complex Systems, University of Michigan, June — Oct**

- Created an agent based model to simulate human decision making using Net Logo
- Implemented a genetic algorithms to evolve code towards the optimal solution

## Education

BS Computer Science — University of Illinois Urbana Champaign — Technical GPA: 3.65

## Skills

Languages: Objective C , C , Javascript , Java , Python

Frameworks/SDKs: iOS SDK , Rails , Node.js , D3.js , WebGL , Git

## Achievements

- 2nd place MHacks Fall 2014 with Android for iPhone: <http://cpo.st/1qVDMME>
- Won the Enova hackathon hosted at UIUC - \$1500 prize. Second at Microsoft Game Builder hackathon
- Deans List UIUC Engineering 2011-2013
- Database systems course best project award, hosted at: <http://thomasdeegan.com:3000/>