

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Java•Python•Javascript•Scheme

FRAMEWORKS / STACKS

Flask• Meteor• Ruby on Rails •
Node.JS / MEAN Stack

FRONT-END DEVELOPMENT

HTML5•CSS3•Javascript,JQuery

BACK-END DEVELOPMENT

AJAX•MongoDB

TOOLS / UTILITIES

BASH•Git•SVN•GNU EMACS

EDUCATION

University of Washington, Seattle

Seattle, WA

Cumulative GPA: 3.70

ACHIEVEMENTS

2015 – Winner, Hack The Dot Seattle

2015 – Finalist, AngelHack Seattle

2015 – First Place, California State

Los Angeles ProgFest

2015 – Top 30 of 300+ projects,

PennApps Winter 2015

2014 – Top 20 out of 120+ projects,

HackPrinceton Fall 2014

2014 – Winner, Improving MIT Award,

MIT BitComp 2014

2013 – Part One / Part Two Winner,

IBM Master the Mainframe

Competition

SOFTWARE PROJECTS

SoundHop | Finalist, AngelHack Seattle 2015

Summer 2015 | P2P Speaker System.

- Utilized Firebase to sync music playback across multiple devices, accounting for network lag as well.
- Worked with several other team members to develop the Android backend. Also worked on the application's material UI / UX.

WORK EXPERIENCE

UNIVERSITY OF WASHINGTON CSE

Noah's ARK Group Undergraduate Researcher

September 2015 – Present | Seattle, WA

- Working with amicus briefs to build a live prediction system for Supreme Court case decisions

Wireless Lab Undergraduate Researcher

June 2015 – August 2015 | Seattle, WA

- Worked with ambient backscatter to wirelessly power devices and embedded systems.

MIT CSAIL

InfoLab Group Research Assistant

June 2013 – September 2014 | Cambridge, MA

- Worked with the START Natural Language Processing System and its backend, Omnibase.
- Wrote Scheme scripts to dynamically extract JPL and U.S. Election Atlas data for use in Omnibase.

SOFTWARE PROJECTS (CONT.)

MYODRONE | Top 30 / 300+ projects, PennApps Winter 2015

January 2015 | An intuitive method of wearable drone control.

- Team lead role with focus on back-end development.
- Used the Thalmic Labs Myo armband and arm gestures to control a Parrot Drone with 8 degrees of movement.

FALANGAFONE | Top 20/120+ projects, HackPrinceton Fall 2014

November 2014 | An gesture-controlled music editing tool.

- Used the Leap Motion to enable live editing of .mp3 and other sound files via finger and hand gestures.
- Developed a Flask backend as well as a web front-end for the application, used the Pyo library to modify music on the fly.

BITSTATION | Winner of MIT Bitcomp Improving MIT Award

Summer 2014 | An online Bitcoin wallet for MIT Students

- Features certificate login, address books, and transaction annotation to promote peer-to-peer transactions among MIT students.
- Developed with Ruby on Rails in the span of 1 month.