

EDUCATION

University of Washington – Seattle, WA | 2015 – 2018 (Expected)

Bachelor of Science, Computer Science & Statistics

WORK EXPERIENCE

University of Washington Computer Science and Engineering – Seattle, WA

Noah's ARK Group Undergraduate Researcher | September 2015 – Present

- Working with Professor Noah Smith to use 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 Professor Shyam Gollakota to wirelessly power devices and embedded systems with ambient backscatter.

MIT Computer Science and Artificial Intelligence Laboratory – Cambridge, MA

InfoLab Group Research Assistant | June 2013 – September 2014

- Wrote Scheme scripts to dynamically extract JPL and U.S. Election Atlas data for use in the START natural language question answering service.

SOFTWARE PROJECTS

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 one month.

ACHIEVEMENTS

2015 – Winner, Hack The Dot Seattle

2015 – Finalist, AngelHack Seattle

2015 – Winner, Lockheed Martin Code Quest Sunnyvale

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

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Java • Python • Javascript • Scheme

FRAMEWORKS / STACKS

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