

## 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 and other collaborators to use amicus briefs and NLP 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

ASLSPEAK | Best Use of Microsoft Tech / Best Use of Data @ DubHacks 2015  
October 2015 | A gesture-based sign language translator.

- Team lead role with a focus on building the classifier and gathering training data.
- Used the Leap Motion to gather training data on sign language, and build an artificial neural network classifier to translate sign language gestures to audio spoken on a computer.

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 directions 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.

## ACHIEVEMENTS

2015 - Best Use of Microsoft Technology / Best Use of Data, DubHacks 2015.

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

### FRAMEWORKS / STACKS

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