

## Education

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**Aug. 2016 – now** Ph.D., Computer Science, *University of California, Berkeley*  
Graduate Student, Department of Electrical Engineering and Computer Sciences  
**May 2016** M.Sc., Computer Science, *University of Rochester*  
**May 2015** B.Sc., Electrical and Computer Engineering, *University of Rochester*  
Cum laude, High Distinction. Capstone: Ad-hoc wireless network monitoring

## Projects

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**ElectroTutor** Test-Driven Physical Computing Tutorials, *UIST '18*  
**WiFröst** Visualizing Network Behavior for IoT/Embedded Devices, *UIST '18*  
**CodePilot** Collaborative Software Development for Novices, *CHI '17*  
**Bifröst** Debugging Embedded Systems across Hardware and Software, *UIST '17*

## Experience

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**2016 – now** Graduate Student Researcher, *University of California, Berkeley*  
Berkeley Institute of Design, advised by Professor Björn Hartmann  
**2018** PhD Research Intern, *Autodesk*  
Advised by Tovi Grossman and Benjamin Lafreniere in the User Interface Group.  
**2014 – 16** ROC HCI Research Assistant, *University of Rochester*  
Rochester Human Computer Interaction Group, advised by Professor Philip Guo  
**2014** Software Engineering Intern, *Teradyne*  
Developed toolchain to perform automated semiconductor test program upgrades  
**2013** Wireless Communications and Networking Group Researcher, *University of Rochester*  
NSF REU internship: designed and built a wireless control system for RFID testing

## Teaching

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**Fall 2017** Head GSI for CSC 160, *Introduction to Human Computer Interaction*  
**Spring 2013, 14, 15** Teaching Assistant for ECE 112, *Introduction to Logic Design*  
**2014 – 15** CSUG Tutor in *The Science of Programming* and *Computer Organization*  
**Fall 2014** Teaching Assistant for ECE 230, *Electromagnetic Waves*

## Honors

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**2016** NSF Graduate Student Fellowship Program *Honorable Mention*  
**2015** Inducted into the Phi Beta Kappa Honor Society  
**2015** Dean's Award for Engineering and Applied Sciences Research  
**2014** Elected as U of R's IEEE Student Branch President  
**2013** Inducted into the Tau Beta Pi Engineering Honor Society