

## Kirstin N. Boni

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13635 Braeburn Lane, Novelty, OH 44072

### EDUCATION

The Ohio State University, Columbus, OH  
B.S. Computer Science and Engineering  
Minor: Neuroscience

Expected Graduation: May 2019  
Overall GPA: 4.00

### ENGINEERING INTERNSHIP EXPERIENCE

#### Microsoft

May 2017 – Present

Explorer Intern, Outlook Universal

- Integrated manual categorization process for Outlook store reviews into web application using C#, JavaScript, ASP.NET, and SQL
- Automating the categorization process using Azure Machine Learning Web Services
- Worked in program management to develop a project specification for data analysis of store reviews to provide insight to managers on the performance of Outlook builds

#### Rockwell Automation

June 2016 – August 2016

Architecture and Software Intern

- Led team of eleven interns that developed and completed code to automate testing of safety controllers, saved company approximately \$100,000
- Shortened software testing time by 20% by creating software to automatically clean code to match Python standards

### PROJECT AND RESEARCH EXPERIENCE

#### Google CodeU

March 2017 – June 2017

- Collaborated with two students and a software engineer to improve the framework for a chat application in Java
- Focused on improving data structures and managing objects in the server database
- Participated in frequent code reviews to learn industry best practice

#### Research Assistant, Department of Neuroscience

August 2016 – Present

- Worked on automating the process of tracing neurons and hippocampal astrocytes in electron microscopy images
- Utilizing the program NEURON to develop a computational model to demonstrate the electrical coupling of astrocytes

### COMPUTER AND TECHNICAL SKILLS

- **Fluent:** Python, Java
- **Proficient:** C++, C#, JavaScript
- **Prior Experience:** MATLAB, Studio 5000, C

### HONORS AND ACTIVITIES

- **Outreach Coordinator**, ACM-W, January 2016 – Present
- **Mentor**, Women in Engineering Learning Community, August 2015 – Present
- **Member**, Buckeye Hackers, December 2015 – Present
- **Member**, OHI/O, January 2017 – Present