

# OLIVIA S. LANGLEY

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## EDUCATION

### BROWN UNIVERSITY, PROVIDENCE, RI

September 2015 – May 2020

- ❖ Double Major:
  - Computer Science, Sc.B.
  - Music History/Theory/Composition, A.B.
- ❖ Relevant Coursework (select):

<ul style="list-style-type: none"><li>– Computer Systems Security</li><li>– Software Security and Exploitation</li><li>– Cybersecurity and International Relations</li></ul>	<ul style="list-style-type: none"><li>– Creating Modern Web Applications</li><li>– User Interfaces and User Experience</li><li>– Logic for Systems</li><li>– Deep Learning</li></ul>
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- ❖ Activities: Higher Keys A Cappella (President, Music Director), Brown University Chorus

## PROFESSIONAL EXPERIENCE

### BROWN UNIVERSITY, PROVIDENCE, RI

Head Teaching Assistant, Computer Systems Security (CS1660)

October 2019 – May 2020

- ❖ Supervisor: Professor Roberto Tamassia
- ❖ Hired, trained, and coordinated staff of 11 graduate and undergraduate teaching assistants
- ❖ Revamped lecture content, homework assignments, and larger hands-on security projects to modernize curriculum and scale more easily with increasing course enrollment
- ❖ Guest lectured on the intersection of security and usability, and presented several demos of real-world security techniques to a class of ~80 students

### QORVO, HILLSBORO, OR

Information Security Intern

May – August 2019

- ❖ Supervisor: Rich Kellen
- ❖ Collaborated with the IT Security team to automate phishing response procedures, facilitate network threat investigation, and engage with users across the company
- ❖ Developed a script to generate malicious domain name permutations for firewall blocking

### QORVO, HILLSBORO, OR

Software Engineering Intern

May – August 2017, May – August 2018

- ❖ Supervisors: Bill Adams, Jeff McKee, Dan Morgan
- ❖ Worked with the Factory Data Systems team to design a web program for employees to keep track of material allocation/factory workflow, and responded to IT Helpdesk requests
- ❖ Coordinated a new outreach program for 10-15 year olds at a local Boys and Girls Club to tour the factory and participate in engineering and other STEM-related activities

## TECHNICAL SKILLS

Java, Python, Go, C#, C, HTML, CSS, JavaScript, Node.js, React, SQL, Git, LaTeX, Alloy, PHP