

EDUCATION

Santa Cruz, CA	University of California, Santa Cruz	September 2016 - June 2020
<ul style="list-style-type: none"> • B.S. in Computer Science, June 2020 (expected). • GPA: 3.4 • 3x Dean's Honor's List Recipient (2017, 2018, 2019) 		

PERSONAL PROJECTS

	EasyLiving	Android Studio, Java, Google Firebase
<p>Developed an Android App that allows users to assign chores, split responsibilities and send messages to each other in order to keep the group's household tidy</p> <ul style="list-style-type: none"> • Utilized Google's Firebase Realtime Database to implement back-end storage and user authentication • Data synchronization achieved by implementing the calls to the Firebase servers • Developed the client side using Android Studio development environment by A/B testing 		
	Secret Santa	Android Studio, Java, XML, Google Firebase
<p>Developed an Android App that allows users to play the popular "Secret Santa" game with a group of others at holiday parties and events</p> <ul style="list-style-type: none"> • Utilized Google's Firebase Cloud Firestore no SQL Database to implement back-end storage and user authentication • Developed the client side using Android Studio development environment by A/B testing • Data synchronization achieved by implementing the calls to the Firebase servers • Optimized size and speeds of reads/writes by 50% by modifying data structure approach that was previously implemented 		
	Barber Shop	Web2Py, Python, JavaScript, SQL, HTML, CSS
<p>Developed a website that allows users to sign up for haircuts with a barber of their choosing</p> <ul style="list-style-type: none"> • Created using the Web2Py full-stack web framework • Implemented the back-end database using Python and SQL, storing the users, barbers and appointments • Reduced upload and deployment time of data from user-to-server and server-to-user by creating data controllers in Python 		

WORK EXPERIENCE

Learning Technologies		Santa Cruz, CA
Consultant	University of California, Santa Cruz	January 2018 - Present
<ul style="list-style-type: none"> • Assisted the IT department by supervising the 12 computer labs on campus • Assisted customers and troubleshooted defected equipment to increase overall lab productivity 		
		Oakland, CA
Information Technology Intern	Alameda County	June 2016 - August 2016
<ul style="list-style-type: none"> • Deployed packaged applications to 10,000+ users around the county by creating PowerShell scripts • Assisted and troubleshooted 100+ users around the county 		
		Oakland, CA
Information Technology Intern	Alameda County	June 2015 - August 2015
<ul style="list-style-type: none"> • Imaged, configured and deployed hundreds of computers to offices around the county • Vigorously tested county applications to ensure cross platform compatibility and stability to support 100+ employees using this platform 		

LANGUAGES, TECHNOLOGIES AND SKILLS

- Python, Java, C, Haskell, JavaScript, HTML, CSS, Assembly
- Android Studio, Git, REST APIs, SQL, Web2Py
- SCRUM, Agile, Data Structures, Algorithms, Abstract Data Types, Mobile App Development, Web Development, SQL Database