Kimberlyn Krishnan

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Projects

Yogality (C#)
Virtual Reality Yoga Personal Trainer

Space Shooter (C#)
3-D arcade style shooter game made in Unity

Paw M.D. (Web Service)
Website for new dog owners
Implements AWS and MongoDB

Group Chat App (Java)
Server to multi-client app
Implements TCP

Skills

Programming
Java
Python
C++
C# (Unity)
JavaFx
Git
HTML/CSS
MySQL

IDEs
Eclipse
NetBeans
Android Studio
Unity
Arduino

Extracurriculars

Order of Omega
Honor Society Member

Education

California State Polytechnic University, Pomona, CA   Expected May 2019
Bachelor of Computer Science - Dean's List
Relevant Coursework: Artificial Intelligence, Cryptography and Information Security, Web Search and Recommender Systems, Software Engineering, Computer Networks, GUIs

Experience

NBCUniversal MediaTech Intern   June - August 2018
Englewood Cliffs, NJ

- Validated closed-captioning data from third-party vendors by creating an automated process to first generate filtered SRT files from metadata then compare their accuracy.
- Internal Competition Project: Developed an extension of Fandango's Android mobile application to allow select poster scanning to add to user's VIP+ rewards. Developed with text detection technology using OpenCV and Tesseract.

Girls Who Code Summer Immersion Program Teaching Assistant   June - August 2017
San Ramon, CA

- Co-instruct and lead a classroom of 20 aspiring high school computer scientists.
- Onsite partner company: General Electric Digital
- Teaching curriculum: Python, Arduino C++ (Robotics), HTML/CSS/JavaScript, Object Oriented Programming, Portfolio web-pages (Django framework), and Agile Frameworks

Qualcomm Women's Collegiate Conference   January 2017
San Diego, CA

- 1 of 60 girls to get a scholarship to attend weekend conference at Qualcomm.
- Participated in their Hack For Impact hackathon. Used an arduino microcontroller, breadboard, heartbeat sensor, and android phone to build a healthcare app that used bluetooth to connect to the heartbeat sensor.

Leadership

President, sheCodes (ACM-W)   January 2018 - Present

- Local Hack Day - Organized and hosted a Major League Hacking hackathon.
- Future Women Developers (FWD) Conference - Organized Google IgniteCS event sheCodes hosts twice a year where we teach 40 middle/high school girls in the local area how to code by leading workshops designed to teach them basic python and web development.
- Lead and plan club events (meetings, company tours, conferences, tech talks).

Events Attended/Scholarships

Grace Hopper Celebration (Anita Borg Institute scholarship recipient)   October 2017
The world's largest technical conference for women in computing.

Target's Women in Technology Symposium   May 2017
1 of 50 girls to get a scholarship to attend tech conference at Target HQ.

Google Applied CS with Android   April - May 2017
6 week coding workshop overseen by Google engineers to learn android development.

Women in Cyber Security Conference (WiCyS scholarship recipient)   March 2017
Participated in cyber security workshops, security talks, and networking.