

KEYAN KAZEMIAN

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WORK EXPERIENCE

Blackberry Cylance, Software Engineering Intern, Irvine, CA

June 2019 – Sep 2019

- Worked full-stack by implementing endpoints on a Python backend and introducing improvements to a React UI
- Contributed to a Scrum based Agile team by helping implement a microservices-based architecture
- Developed a Python written RESTful Cloud API infrastructure
- Introduced improvements to a Jenkins CI/CD Cloud processing pipeline

Apple, Technical Specialist, Irvine, CA

Jan 2019 – May 2019

- Ran diagnostics to find solutions to software and hardware related issues
- Monitored a queue of customers analyzing check-in, repair, and service times to enhance efficiency

Movandi, Software Development Intern, Irvine, CA

June 2018 - Jan 2019

- Contributed to a Python written API and wrote documentation for Movandi's RF modules.
- Helped with various antenna array synthesis optimization problems using Python
- Used the NumPy and Pandas libraries to write scripts that automated the plotting of testing data

The Coder School, Coding Tutor, Irvine, CA

Aug 2018 – Dec 2018

- Taught web development, game design, and object oriented programming concepts to kids aged 7 - 18.

ATLAS FASER Project, Undergraduate Research Student, Seattle, WA

Sep 2017 – May 2018

- Worked with the University of Washington's Elementary Particle Experiment Machine Learning group on a CERN ATLAS proposed particle collider, FASER, by running and testing particle collision emulating code.

Learning Spaces Foster IT, IT Technician, Seattle, WA

Sep 2017 – Mar 2018

- Provided hands on user technical support to the Foster School of Business' classrooms, computer labs, meeting spaces, event spaces, and public spaces.

EDUCATION

University of California, Irvine (3.86) - Irvine, CA

Expected Graduation June 2021

Major: Computer Science & Engineering | **Minors:** Innovation & Entrepreneurship, Digital Arts

Relevant Coursework: Computer Programming II, Data Structures, Discrete Math, Computer Organization & Assembly

Awards: 2018 Quarterly Dean's List for Winter and Spring, 2017 AP Scholar Award

PROJECTS

"Lo-Key" - An Application to Discover the Undiscovered

- Used a Model View Client .NET framework, and created a C# back-end web application that utilizes Spotify's Developer API to help users find similar yet under-represented musical artists with lower followings
- Analyzing Spotify's extensive data on track metrics such as *liveness*, *energy*, *danceability*, *instrumentalness*, and *speechiness*, Lo-Key uses a breadth-first search algorithm to assign a similarity value between a relatively popular artist and it's corresponding lists of similar-sounding yet lesser known artists
- <http://lokey-music.com/Home>

SKILLS

Languages: Python, C#, Java, C++, HTML, CSS, Javascript, Bash

Frameworks/Tools: AWS, Git, Jenkins, Docker, React, .NET MVC, Bootstrap, Swagger, Postman, JIRA, Confluence

Creative Skills: Adobe Premiere Pro, Adobe Photoshop/Lightroom, Logic Pro X, Film Photography, Cinematography

Interpersonal Skills: Project Management, Customer Service, Farsi