

Brian Bulgarelli

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EDUCATION

University of California, Irvine

Bachelor of Science, Computer Science

Minor in Informatics - Human Computer and Interaction

September 2019 - September 2023

Expected Graduation: June 2023

Cumulative GPA: 3.706

EXPERIENCE

Federal Reserve Bank of San Francisco, San Francisco, CA

Advanced Data Analytics Capabilities Intern, GOLD Intern

May 2021 - September 2021

- Wrote clean code to conduct independent data cleaning and analysis, found trends in data and gathered conclusions to present to a general audience.
- Applied machine learning, data visualization and word embedding techniques using Python libraries to train machine learning models on data sets and presented outcomes to a general audience.

University of California - Irvine, Irvine, CA

Peer Academic Advisor, UCI School of Information Computer Science

March 2021 - Present

- Counseling undergraduate students on major selection, class scheduling, providing information to students regarding program curriculum and policies.
- Serving as a liaison between administrative personnel, faculty, and students in resolving academic advising concerns or problems; referring students for different courses and programs, as needed.

Student IT Worker, UCI Social Sciences Information Technology

January 2020 - September 2020

- Assisted various faculty and students with computer related issues, diagnosed and resolved software and hardware issues, logged equipment and maintained inventory.
- Set up and maintained desktops and printers for faculty and staff, basic network troubleshooting and answered miscellaneous software questions from faculty.

iD Tech, Campbell, CA

Remote Computer Science Instructor, Squads After School

September 2020 - March 2021

- Provided remote instruction for multiple classes of children aged 9 - 17 in various topics such as Minecraft, Java and Introductory Python Programming.
- Produced weekly lesson plans for students, taught students and developed their skills in each subject to complete course goals and complete an individual student project at the end of the term.

LEADERSHIP

University of California - Irvine, Irvine, CA

Academic and Alumni Affairs Committee Lead, ICSSC

November 2020 - Present

- Working with other committee members in order to plan academic outreach events and collaborate with alumni to connect with the UCI ICS student population.
- Connecting with various Professors in order to address student concerns, organizing workshops for Professional and Social development and providing additional educational resources for students.

SKILLS

Software Development

Python, Java, C++, SQL, CQL, MQL

Frameworks

MySQL, NumPy, Pandas, SciPy, Matplotlib, Sklearn, NLTK, Apache Cassandra, MongoDB

Tools

IntelliJ, VSCode, Jupyter Notebooks, VIM, Jira

Soft Skills

Strong Communication, Project Management, Active Listening, Problem Solving, Adaptability