Parhuam Jalalian

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Education

University of California, Santa Cruz, *Bachelor of Science, Computer Science, GPA: 3.73* ⬚   09/2022 – present
Software Design, Introduction to Analysis of Algorithms, Introduction to Computer Networks, Computer Architecture, Principles of Computer Systems Design, Introduction to Data Structures and Algorithms, Introduction to Computer Graphics

Professional Experience

ChargePoint, *Software Engineer Intern* ⬚   02/2023 – present
Campbell, California
- Streamlined testing processes by implementing an automation infrastructure with **Jenkins**, effectively replacing highly manual tasks and enabling easier scalability.
- Developed an automated method to convert test data into a consistent test report format (XML) using **JUnit**, enabling seamless consumption of the data by Jenkins for analysis and reporting purposes.
- Implemented data visualization tools to enhance the testing team's ability to visualize and analyze their test data effectively.

Xenia Gifts, *Software Engineer Intern* ⬚   06/2021 – 09/2021
San Francisco, California
- Applied **Django's** capabilities to implement precise form validations, effectively catching customer typos and notifying users about potential invalid inputs.
- Utilized **Python** cron jobs in **GCP** to automate daily operations, enabling timely updates of specific gift card discounts and reducing time inefficiencies.
- Improved user experience on form submissions by utilizing session data to automatically repopulate form fields for invalid submissions.

MSA Systems, Inc, *Software Engineer Intern* ⬚   07/2019 – 09/2019
San Jose, California
- Executed a full rewrite and migration of a legacy **.NET MS SQL** based desktop application to the updated Microsoft **Azure** platform, resulting in improved performance and scalability.
- Leveraged **Bootstrap** and **jQuery** to develop a customer-facing search widget that enhances the site's content-search feature, efficiently parsing **SQL** responses and streamlining search results.
- Employed **TeamCity** for continuous deployment of **.NET** platforms, utilizing **Git** version control to enable streamlined development workflows and reliable code deployment.

Projects

Rolli Polli, *Anonymous Polling Application*   09/2022 – 12/2022
- Built a responsive UI using **Dart**, resulting in an engaging and user-friendly interface for the front-end of user profiles.
- Created a secure **Firebase** Authentication back-end for a **Flutter** app, ensuring adherence to best practices and security standards, providing users with a secure and reliable authentication experience.
- Led **Scrum** team as Scrum Master, utilizing **Trello** for effective team management, resulting in improved productivity and successful project deliveries.

Skills

Python (Jinja2/Django) | **C/C++/C#** | **Typescript** | **Javascript** (jQuery, React, Three) | **Flutter** | **Dart** | **GCP**

SQL | **ASP.NET MVC** | **Jira** | **Jenkins** | **HTML/CSS** (Bootstrap, Tailwind) | **Firebase** | **Scrum**