

Ronan A. Konishi

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SUMMARY OF QUALIFICATIONS

- Worked as a Software Engineer Intern, doing full stack development at Salesforce
- Worked as a Software Developer for 3 years at the Qualcomm Institute – UCSD Division of Calit2
- Built a Blog Site, Personal Website, and Web Scraping App using PHP (Laravel) and Java as personal projects
- **Technologies used:** PHP (Symfony, Laravel Frameworks), SQL (MySQL), Javascript, HTML5/CSS, AWS, Java, C++, Node.js, React.js

EDUCATION

University of California San Diego

Anticipated June 2022

Bachelor of Science in Computer Science, GPA 3.914

WORK EXPERIENCE

Software Engineer Intern, Salesforce

(06/2021 – 9/2021)

- Implemented Google ReCaptcha V3 across All Form Submissions using PHP (Symfony) and Javascript
- Fixed Customer Filed Issue that Prevented Multiple Form Submissions Due to Browser Caching
- Conducted Regression Testing of 3rd Party Video Connector Feature and Filed Domain Migration-related Bugs

Software Developer, Qualcomm Institute – UCSD Division of Calit2

(10/2018 – current)

- Developed an Event Logging Data Infrastructure System consisting of an API to Log and Retrieve Data and a Spreadsheet-Style Interface in Laravel/PHP
- Developed Authenticated API System that Organizes Accessibility of AWS S3 Data for various Users and Devices in Laravel/PHP
- Developed Android App with 3D Camera for Face Mesh Rendering and Eye Measurement Calculation for Fetal Alcohol Syndrome Disorder (FASD) Detection in Java
- Developed Survey (Website) for Doctors to Record FASD Severity Thresholds using Video Scrubbing in Laravel
- Updated Jupyter Notebook for FASD Detection Project to run Machine Learning Models on New Data in Python
- Updated UCSD Veterans Affairs app with new Database Migrations, API methods, and UI in Laravel/PHP
- Ran a Suite of Tests for Government Networking Software and provided feedback.

PROJECTS

Ronankonishi.tk, Web Scraping Blog Website

(6/2019 – 6/2021)

- Developing a Web Scraping Blob Website with User Authentication, CRUD functionalities, and Responsive UI
- Used Laravel, PHP, HTML, JavaScript, CSS, Bootstrap, AWS EC2, Apache, MYSQL, and SQL

Ronankonishi.github.io, Personal Website/Portfolio

(6/2019 – current)

- Developed a Personal Profile Website with HTML5, CSS, Javascript

Japanese Transcript Parser, Web Scraper, Java

(7/2020 – 6/2021)

- Developed Parser for Japanese TV Show Most Common Words using Web Scraping in Java
- Automates Scaping and Extracting Transcript file from TV Show title and Getting Common Words from File

Super Mario Bros, Java

(8/2020 – 1/2021)

- Recreated the 1st level of Super Mario Bros in Java

Graph-Based Relationships, Data Structures Class Project

(11/2019)

- Created Path Finder (BFS, Dijkstra's Algorithm), Optimal Spanning Path (Kruskal's Algorithm) for finding various relationships between data in C++