Taren Chen

✉ taren_chen@student.uml.edu | 🏠 tarenchen.com | in tarenchen

Education

University of Massachusetts Lowell   *Lowell, MA*

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, MINOR IN BUSINESS   *Expected Dec. 2021*

- **Relevant Courses** : Data Structures, Object Orientated Programming (C++), Graphical User Interface (JavaScript), Database (SQL)
- **Awards** : Bryon Drigian Computer Science Scholarship, William R. Caddy Leadership Scholarship, Dean's List

Experiences

JPMorgan Chase & Co.   *Plano, TX*

INCOMING SOFTWARE ENGINEER INTERN   *Jun. 2021 - Aug. 2021*

- GLOBAL TECHNOLOGY INFRASTRUCTURE (GTI), ENTERPRISE MGMT & MONITORING SVCS.

Fidelity Investments   *Boston, MA*

SOFTWARE ENGINEER INTERN   *Jun. 2020 – Aug. 2020*

- Developed an automated notification feature using AWS Lambda that detects application failure and recovery logs for the Market Data team.
- Eliminated the time that the operations team spent manually looking for logs by sending informative automated email updates using SNS.
- Worked with Agile Scrum methodology by participating in daily stand-ups and bi-weekly sprint meetings; utilized Jira for project management.

Philips   *Boston, MA*

SOFTWARE ENGINEER CO-OP   *Jun. 2019 – Dec. 2019*

- Implemented unit tests in C/C++ with Google Test framework for a new generation embedded patient monitoring medical device.
- Ensured code coverage using GCOV and LCOV, resulting in classes with 100% functional coverage, and 80+% line/branch coverage.
- Flashed system boards, refactored Python smoke test scripts and troubleshooted wlan/cts radio devices for other departments.
- Designed coding guidelines and documentation for unit testing with ISO 62304 standards with another intern and contractor.

Projects

Pulp3 User Interface

RED HAT   *Ongoing*

- Developing an open-source web application using ReactJS and PatternFly that interacts with Pulp's REST API to generate an interactive display for managing software content.
- Using the software development life cycles with engineers from Red Hat, a professor, and four other selected students.

Stardew Valley Tracker

SOFTWARE PROJECT   *Ongoing*

- Designing and developing a web application that visualize and assist an user's progress in Stardew Valley by parsing their save file.

Scrabble

WEB DEVELOPMENT COURSE   *Dec. 2020*

- Programmed a simplified version of the board game Scrabble using jQuery's User Interface library for interactions, effects and validations.

Code for Good

HACKATHON   *Sept. 2020*

- Implemented a responsive multi-page web application using ReactJS for Girls in the Game, a non-profit organization.
- Collaborated with students around the country that were shortlisted for JPMorgan Chase & Co.'s Summer Software Engineer Program.

Personal Portfolio Website

TARENCHEN.COM   *Mar. 2020*

- Designed a responsive portfolio website using HTML/CSS, Bootstrap, JavaScript, and jQuery.
- Utilized GitHub for version control, continuous deployment, and hosting the web application.

Skills

Languages   JavaScript, Python, C/C++, HTML/CSS, PostgreSQL
Technologies   Git, ReactJS, Bootstrap, jQuery, Jira, AWS, Jenkins, Google Test, Linux/Ubuntu