Taren Chen

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Education

University of Massachusetts Lowell *Lowell, MA*
Bachelor of Science in Computer Science - GPA: 3.41 *Expected Dec. 2021*
- **Courses** : Data Structures, Object Orientated Programming, 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*
Software Engineer Intern *Jun. 2021 - Aug. 2021*
- Created a dashboard using React and Spring Boot (Java) to visualize data stored in an Oracle Database.
- Implemented both the API and user interface that displays Apica and ThousandEyes data in one synthetic monitor.
- Worked in an Agile environment with daily stand-ups and bi-weekly sprint meetings utilizing JIRA for management.

Fidelity Investments *Boston, MA*
Software Engineer Intern *Jun. 2020 – Aug. 2020*
- Developed an automated notification feature on AWS that detects a that detects application failure and recovery logs for the Market Data team. AWS Tools (Metrics Filter, CloudWatch, Lambdas, SNS).
- Automated email alerts which eliminated time that operations team would spend manually looking for status logs.

Philips *Boston, MA*
Software Engineer Co-op *Jun. 2019 – Dec. 2019*
- Implemented unit tests in C/C++ with Google Test framework for an embedded patient monitoring medical device.
- Ensured code coverage using GCOV/LCOV, resulting in classes with 100% functional, and 80+% line/branch coverage.
- Flashed system boards, refactored Python smoke test scripts and troubleshooted wlan/cts radio devices.

Projects

Pulp3 User Interface ⧉
Red Hat *May 2021*
- Developed an open-source web application using React and PatternFly that interacts with Pulp's REST API to generate an interactive display for managing software content. An industry project with Red Hat engineers.

Stardew Valley Tracker ⧉
Software Project *May 2021*
- Designed and developed a web application that visualize and assist an user's progress in Stardew Valley by parsing their save file.

Graphical User Interface II Projects ⧉
Web Development Course *Dec. 2020*
- Programmed multiple assignments such as portfolio website, dynamic multiplication tables, simplified Scrabble board game, etc.. using jQuery's User Interface library for interactions, effects and validations.

Code for Good ⧉
Hackathon *Sept. 2020*
- Created a web application for Girls in the Game, a non-profit organization focused on empowering young girls with a group of students shortlisted for JPMC's Summer Software Engineer Program.

Skills

Languages JavaScript, Python, C/C++, Java, HTML/CSS, SQL
Technologies Git, React, Spring Boot, Bootstrap, jQuery, JIRA, AWS, Jenkins, Google Test, Linux/Ubuntu