

Taren Chen

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Seeking **Fall 2021 Co-op** and **Winter 2021 Full Time**

EDUCATION

University of Massachusetts Lowell | Lowell, MA

Expected Dec. 2021

Bachelor of Science in **Computer Science** | Minors: **Business** (Operations & Information Systems)

Relevant Courses: Data Structures, Object Orientated Programming, Graphical User Interface (JavaScript), Database 1 (SQL), Operating Systems, Data Science (Python), Discrete Structures, Probability and Statistics

Awards: Bryon Drigian Computer Science Scholarship, Dean's List, William R. Caddy Leadership Scholarship

SKILLS

Programming Languages: JavaScript, Python, C/C++, HTML/CSS, PostgreSQL

Tools and Frameworks: Linux/Ubuntu, Git, Jira, AWS, Jenkins, Google Test, ReactJS, Bootstrap, jQuery

WORK EXPERIENCES

JPMorgan Chase & Co.

Plano, TX

Incoming Software Engineer Intern

Jun. 2021 – Aug. 2021

Fidelity Investments

Merrimack, NH

Software Engineer Intern

Jun. 2020 – Aug. 2020

- Developed an automated notification feature on AWS Lambda that detects application failure and recovery logs for the Market Data team.
- Eliminated the time that the operation's team spent manually looking for logs by sending informative automated email updates using SNS.
- Worked with Agile Scum methodology by participating in daily stand-ups and bi-weekly sprint meetings.

UMass Lowell CS Department

Lowell, MA

Teaching Assistant / Grader

Jan. 2020 – May. 2020

- Provided feedback in addition to grading students' assignments and programming projects for their first computing course that all computer science students take.

Philips

Boston, MA

Software Engineer Co-op

Jun. 2019 – Dec. 2019

- Implemented unit tests in C/C++ with Google Test framework and used gcov and lcov for code coverage for an embedded patient monitoring medical device.
- Designed coding guidelines and documentation for unit testing with ISO 62304 standards.
- Flashed system boards, refactored smoke test scripts and troubleshooted wlan/cts radio devices.

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 SDLC with engineers from Red Hat, a professor, and four other selected students.

Scrabble, Graphical User Interface I

Dec. 2020

- Programmed Scrabble, the board game using jQuery's User Interface interactions and effects.

Code for Good, Hackathon

Sept. 2020

- Implemented a responsive multi-page web application using ReactJS for a non-profit organization, collaborating with a group of students from around the country.

Personal 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.