

Taren Chen

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EDUCATION

University of Massachusetts Lowell | Lowell, MA

Expected December 2021

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

Relevant Courses: Data Structures, Object Orientated Programming, Computer Architecture, Data Science

Currently Enrolled: Graphical User Interface (JavaScript), Database 1 (SQL), Operating Systems

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

EXPERIENCES

JPMorgan Chase & Co. | Plano, TX

Software Engineer Intern (Incoming)

June 2021 - August 2021

Fidelity Investments | Boston, MA

Software Engineer Intern

June 2020 - August 2020

- Developed an automated notification feature that detects market data failures and recoveries logs using AWS tools such as Metric filter, CloudWatch, SNS, and Lambdas (Python).
- Participated in daily stand-ups, bi-weekly Agile Scrum sprints meetings, and code reviews.

Philips | Boston, MA

Software Engineer Co-op

June 2019 - December 2019

- Implemented test fixtures in C/C++ with Google Test framework to unit test an embedded patient monitoring device.
- Flashed system boards, refactored Python smoke test scripts and troubleshooted wlan/cts radio devices.

PROJECTS

Software Project, Red Hat

Ongoing

- Developing an open-source web application that interacts with Pulp's REST API to generate an interactive display for managing software content.
- Collaborating with engineers from Red Hat, a professor, and 4 other selected students.

Code for Good, Hackathon

September 2020

- Implemented a responsive multi-page web application using ReactJS for a non-profit organization.
- Received an offer as a Summer Software Engineer at JPMorgan Chase & Co. following the event.

Personal Website, tarenchen.com

March 2020

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

Craigslist Apartment Finder, Data Science Course

February 2019

- Created an application used to find the optimum apartment for the user based on their criteria's.
- Used Python's BeautifulSoup to parse the HTML on craigslist and used Pandas to create data frames.

Photo Encryption/Decryption, C++ Project Course

January 2019

- Produced pseudo-random bits by simulating a linear feedback shift register.
- Implemented a simple form of encryption for digital pictures using the C++ SFML library.

LEADERSHIP

Secretary, Table Tennis Club Team

Ongoing

- One of 8 members who represent UMass Lowell in local and regional table tennis tournaments.

Vice President, Student Association of Chinese Americans

2019 - 2020

- Led the executive board in planning and executing events throughout the year.

SKILLS

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

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