

# 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, Technical Training Foundation 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

## Extracurriculars

**Sports** Men's Club Volleyball Team (NECVL), Table Tennis Club Team (NCTTA)

**Clubs** Student Association of Chinese Americans, Vietnamese Student Association, Sigma Beta Rho