

JASON LAM

jlam1uu@gmail.com | github.com/jasonlam00 | (646) 858-9337

EDUCATION

Rensselaer Polytechnic Institute | B.S. in Computer Science

Jan 2020 – May 2022

GPA: 3.73 | Dean's Honor List

Relevant Coursework: Data Structures (Fall 2019), Computer Organization (Fall 2019), Intro to Algorithms (Spring 2020), Software Principles (Spring 2020), Programming Languages (Fall 2020), Software Design & Doc (Fall 2020)

Fordham University | B.S. in Computer Science, GPA: 3.7, Dean's Honor List

Aug 2018 – Dec 2019

SKILLS

Languages: C++, C#, Java, JavaScript, SQL, Python

Tools/Frameworks: Bootstrap, Git, React, Cypress, Node.js, Express.js, Cypress, MongoDB, Docker

EXPERIENCE

Software Engineering Intern | Paylocity (C#, React, Cypress, SQL)

May 2021 – Aug 2021

- Worked in a professional AGILE environment and reported ticket progress in daily standup meetings with the Acting Dev Lead, Product Team Lead, and Senior Software Engineers during 2-week sprints
- Wrote several end-to-end tests in Cypress to ensure proper application flow through the Recruiting service
- Implemented multiple new features and toggles in C# and React, including a new social widget share function, upgraded video client and playback, and two way email drawers.
- Created SQL scripts to populate an empty Recruiting database for future incoming interns and new grads

Intro to Algorithms CS Mentor | Rensselaer Polytechnic Institute (C++, Python)

May 2020 – Feb 2021

- Taught, explained, and graded various assignments about key algorithmic concepts like algorithm running times and algorithm design techniques: greedy, divide-and-conquer, and dynamic programming
- Holding office hours for 5 hours a week and grading student's homework/exams for 2 hours a week

Computer Lab Teacher Assistant | Fordham University (C++)

Feb 2019 – May 2019

- Supervised a class of over 50 students learning about basic programming concepts over one semester
- Taught students about key CS concepts: arrays, vectors, pointers, function implementation, and classes

PROJECTS

GO! | Software Design & Doc. (JavaScript, Node.js, Express.js, MongoDB)

Sep 2020 – Dec 2020

- Developed front end and back end for GO!, a web-based application made for online discussion forums, specifically for social justice causes like Black Lives Matter and LGBTQ+
- Implementing front end with HTML/CSS/JavaScript, back end with Express/Node, storing data with MongoDB

Poll Buddy | Rensselaer's Center for Open Source (Docker, MongoDB, React)

Jan 2020 – May 2020

- Developed front end and back end for Poll Buddy, a completely free and compatible in-class quizzing platform
- Incorporated MongoDB and Docker containers to help store and export student and teacher data