XUAN YOU (XY) LIM

Currently looking for a part time software engineering position during academic year 2020-21 and full time internship opportunities for summer 2021.

🎓 EDUCATION

PRESENT | SEP 2017

B.S., Computer Engineering + B.A., Journalism
University of Washington 📍 Seattle, WA

- Expected Graduation: December 2021

SEP 2018 | JUL 2018

Level 3 Cadet
42 School Silicon Valley 📍 Fremont, CA

- Project-based curriculum centered on peer learning that encourages resourcefulness.
- Completed coding projects: A library of C functions such as atoi and string manipulation functions, a leak-free implementation of function that reads line from multiple file descriptor similar to getline, and system administration basics.
- Passed Beginner Level Examination in C programming language

📄 SELECTED PROJECTS

JUN 2020 | MAR 2020

FCC Internet Complaints Map
COM 461: Data Reporting 📍 University of Washington

- A complete solution to gather data from API and produce data visualization to present trend and location of FCC internet complaints.
- Developed Python script to query FCC's API and translate coordinates to county.
- Designed an animated bubble map using D3.js showing origins of complaints by month.

JUN 2019 | MAR 2019

Maze Generator & Solver
CSE 373: Data Structures & Algorithms 📍 University of Washington

- Developed maze generator with Kruskal's algorithm and data structures such as hash dictionary, disjoint set, graph and more in Java.
- Developed maze solver using Dijkstra's algorithm to find the shortest path.
- Practiced pair programming for multiple programming assignments.

💼 SELECTED EXPERIENCES

PRESENT | MAY 2018

Campus Tour Guide
Office of Admissions 📍 University of Washington

- Leading 75 minutes group tours with 2 - 50 prospective students and parents weekly.
- Responsible for welcoming guests, representing the university in a positive manner, presenting student life on campus, and answering questions about the university.

DEC 2020 | SEP 2018

Resident Advisor
Housing and Food Services 📍 University of Washington

- Engaged and supported 60 - 70 residents to develop an inclusive and cohesive community within apartment-style residential living.
- Responsible for responding to crisis situations, including reaching out to resources and working collaboratively with supervisors to follow up, and documenting.

SEP 2019 | JUN 2019

Editorial Intern
Premier Media Group 📍 Greater Seattle Area, WA

- Produced and wrote medium length profile stories biweekly covering businesses on the Eastside which are published in 425 Business magazine.
- Wrote short web stories weekly which are published online.
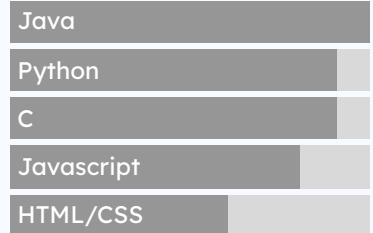- Involved in research, interview, writing, editing, and fact-checking processes.

CONTACT

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RELEVANT COURSEWORK

Data structures & Algorithm
Artificial Intelligence (AI)
Systems Programming
Database Systems
Web Programming
Embedded System

LANGUAGE FAMILIARITY

Java
Python
C
Javascript
HTML/CSS

MORE INFO

See full resume at
github.com/xuanyoulim/cv.