Seaqueue Cheng

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Availability: July – Dec. 2023

Computer Toolkit

Languages:	*Proficient:* Java	Python	Flask	React (HTML + CSS + JS/TS)	Pandas
	Familiar: C	Assembly	Racket	C++	SQL
Software:	MacOS	GitHub & GitLab	IntelliJ	PyCharm	VS Code	Jupyter

Experiences

Seminaut Inc, San Marcos, TX

Full Stack developer / full time   July 2022 – Dec. 2022
- Added the following features to Guild Website for frontend & backend:
  Showing Event Cost, Pot Value Badge System according to users' interactions with the website.
  Filtering on Events, Venues and Articles by Date, Cost, Pot, Distance, etc.
  Designed MVP of Post System for users to post that are viewable by his/her followers.
- Promoted to group leader of 9 teammates since Oct. 2022:
  Finished up the MVP of Post System.
  Designed the structure of Bracket System for tournaments.

University of Massachusetts Boston, Boston, MA

Tutor for Calculous 1 & Data Structures (Java)   Sept. 2019 – July 2020
- Held 10+ hours per week of one-on-one tutoring.

Projects

Web development:	https://spring-plm.netlify.app/	https://guildgaming.gg/
Self-Motivated-Learning:	Extended learning beyond courses on Github.	sea-queue.github.io
Distributed Network:	Built the Bridge, Router, TCP like Protocol, Web Crawler and Raft Consensus in Python. They transfer messages in JSON style in a contrived set-up.
Computer System:	Built the Shell, Memory Allocator and Filesystem in C. Using sys-calls such as fork, execvp, sbrk and mmap; data structures such as linked list and bitmap.
Image Enhancement:	Created a GUI image processing application that allows users to load, process, and save images in Java. It follows MVC design pattern and supports CLI-instructions.

Education

Northeastern University, Boston, MA   Sept. 2020 – Dec. 2023(expected)
Khoury College of Computer Sciences | Undergraduate

Coursework:	*Fundamental of Computer Science 1 & 2*	*Object-Oriented Design*	*Foundations of Cybersecurity*
	Computer Systems	*Network and Distributed Systems*	Math Reasoning	Calculous 3

University of Massachusetts Boston, Boston, MA   Sept. 2018 – May 2020

Coursework:	*Introduction to Computing (Python)*	*Data Structures (Java)*	*Programming in C*	Calculous 1 & 2
Honors:	*Merit Scholarship (Oct. 2019)	Dean's List (Jan. 2020)*

Interests

Kickboxing | Planking | Soccer | Basketball | Rubik's Cube