

Victor Tung

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Education

University of Delaware - Newark, Delaware

August 2021–Present

Major: Computer Science, concentration in AI & Robotics | Minor: Mathematics and Data Science

- Expected Graduation - May 2025
- GPA: 3.96/4.00, Dean's List for all semesters, UD Trustee Scholarship

Skills

Programming Languages/Technologies

- Python, Java, C, C++, TypeScript, JavaScript, C#, React, HTML, CSS, Git, GitHub, VSCode, Visual Studio, Linux, Unix, Matlab, SQL, Oracle, Flask, RESTFUL API

Languages

- English (Fluent), Fuzhounese (Speaking)

Soft Skills

- Communication Skills, Analytical and Problem-Solving Skills, Critical Thinker, Adaptability, Ethics, Team Player

Interested In/Actively Learning

- Kubernetes, Docker, Android/iOS, Mobile App Development, Kotlin, AWS, Maven, .NET, PHP, MySQL, PostgreSQL, Kafka, Groovy, Node.js, Express.js, RabbitMQ

Projects

Pathfinding Visualizer

- Built a visualizer implementing pathfinding algorithms on weighted and unweighted graphs.
- Utilized JavaScript, React, Graph Concepts, Dijkstra's Algorithm, BFS, VSCode, GitHub

Sudoku Interface and Solver

- Created an interactive sudoku interface where you can solve a random puzzle or your own puzzle. Also implemented a backtracking algorithm for solving the puzzle.
- Utilized Python, Backtracking Algorithm, Pygame, GitHub

PCMart

- Collaborated with team members on an e-commerce website featuring PC parts through one-week agile sprints. Done as part of a full-stack software engineering course.
- Utilized Typescript, React, HTML, CSS, Agile Methodology (Scrum), VSCode, GitHub

Community Unity Website

- Built a website for a small non-profit organization using Google Web Designer.
- Utilized HTML, CSS, Web Design Principles, Google Web Designer

Relevant Experience/Coursework

Undergraduate Teaching Assistant

August 2023–December 2023

- Supported students in their learning through in-person meetings and giving feedback on assignments.
- Managed labs with 15+ students as well as assisted with assignments and gave feedback to a pool of 140+ students in CS classes.

Coursework

August 2021–Present

- Algorithms and Data Structures, Frontend/Backend Software Engineering, Data Analysis, Computer Architecture, Machine Learning, Statistics, Database Design, Computer Vision

Involvement

Association for Computing Machinery

August 2022–Present

- Engaged in various activities having to do with computing as well as professional development.

Competitive Programming Club

August 2024–Present

- Engaged in local as well as invitational programming contests that improved upon my coding and problem solving skills.