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
- Graduation - May 2025
- GPA: 3.93/4.00, 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, Jupyter Notebook, Pandas, NumPy, Scikit-learn, Seaborn, PyTorch

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, AWS, Maven, .NET, PHP, MySQL, PostgreSQL, Kafka, Groovy, Node.js, Express.js, RabbitMQ, Next.js, Apache Spark

Projects

PCMart
- Collaborated with team members on a full-stack e-commerce website featuring PC parts through one-week agile sprints.
- Utilized Typescript, React, HTML, CSS, Agile Methodology (Scrum), VSCode, GitHub

Flashcard Factory
- Collaborated with team members to create a full-stack LLM based application capable of turning lecture slides and research papers into flashcards for a 24-hour hackathon.
- Utilized Gemini API, Python, JavaScript, FastAPI, 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

Community Unity
- 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.
- Taught classes with 15+ students as well as assisted with assignments and gave feedback to a pool of 140+ students in CS classes.

ASA DataFest Prize Winner   **May 2025**
- Collaborated with team members to analyze a large real-world dataset provided by a company in a 48-hour data analysis competition.
- Won the prize for Best Use of External Data.

Coursework   *August 2021–Present*
- Algorithms and Data Structures, Frontend/Backend Software Engineering, Data Analysis, Data Mining, Computer Architecture, Machine Learning, Statistics, Database Design, Computer Vision