Gage Schuster
Software Engineer

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 Portfolio /gage-schuster

🎓 Education

University of Delaware   August 2021 – May 2025

Honors B.S. Computer Science w/ Computer Engineering Minor
Grand Scholars Program
Alpha Gamma Rho - Financial Chair

💼 Work Experience

Software Engineer II Intern   June 2024 - August 2024
Walmart Global Tech   *Bentonville, AK*
> Using NextJS and Go, developed a fullstack product for viewing images judged with an LLM.
> Worked within an agile development environment, meeting sprint goals consistently.

Freelance Web Developer   June 2023 - March 2024
Self Employed   *Newark, DE*
> Created mockups for clients to view implementation of website designs.
> Worked with frameworks such as React and Wordpress to bring desired functionality.

Teaching Assistant   February 2023 – May 2023
University of Delaware   *Newark, DE*
> Assisted in the delivery of computer science coursework, reinforcing key concepts and theories.
> Provided academic support to students, conducting office hours and review sessions.

Undergraduate Researcher   May 2022 – September 2022
University of Delaware   *Newark, DE*
> Conducted in-depth research and created detailed 3D models of micro-systems.
> Collaborated in the development of a machine learning model capable of classifying viral particles.

Senior Information Technology Intern   May 2021 – September 2022
Salesianum High School   *Wilmington, DE*
> Provided technical support and troubleshooting for hardware and software issues across the school.
> Assisted in the maintenance and updates of school's computer systems.

🧪 Projects

👤 Personal: Stock Predictor   March 2024 - May 2024
> Built ML model with scikit-learn for stock prediction using historical data and news sentiment.
> Implemented backtesting framework, showing over 7% potential return on model performance.

🎓 Academical: Local Lens   June 2023 - December 2023
> Collaborated on the development of Local Lens, a website to encourage young voter engagement.
> Implemented Google OAuth Sign On, created website frontend, and connected multiple APIs.

🎓 Academical: Chirp   March 2023
> Collaborated on the development of Chirp, a game focused on teaching users about algorithms.
> Placed 2nd place in a hackathon category, showing ability to work effectively under pressure.

👤 Personal: React-RevealHeader   March 2023
> Published a component to NPM that provides a scrolling header in React applications.
> Implemented support for tailwind and various environments.

🎓 Academical: Hawaiian Cleanup   January 2023
> Using Phaser3 and TypeScript, collaborated in the development of an educational game about cleaning Hawaii.
> Managed the GitHub repository, ensuring an organized codebase, collaboration, and stable version control.

💼 Work: TEMNet   August 2022 - September 2022
> Collaborated on the development of TEMNet, a CNN backbone, designed for viral particle detection.
> Developed a Docker container to simplify the deployment and execution of TEMNet.

⚙️ Skills

Languages   Python, Java, Go, C/C++, Typescript/Javascript, CSS/HTML, GDScript, SQL
Frameworks   React, Nextjs, Astrojs, Vite, Node.js, ReactQuery, Tailwind, Firebase, Wordpress
Software   VS Code, Postman, Blender, Docker, Photoshop, Git/Github, Shell, Windows, Linux