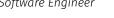
# **Gage Schuster**

Software Engineer

**Education** 



**University of Delaware** 

Honors B.S. Computer Science w/ Computer Engineering Minor

Grand Scholars Program

Alpha Gamma Rho - Financial Chair

## **Work Experience**

Self Employed

**Software Engineer II Intern** 

Walmart Global Tech

> 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

> Created mockups for clients to view implementation of website designs.

> Worked with frameworks such as React and Wordpress to bring desired functionality.

**Teaching Assistant** 

University of Delaware

> 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

> 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** 

Salesianum High School > 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

> 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

> 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.

> Published a component to NPM that provides a scrolling header in React applications.

> Implemented support for tailwind and various environments.

#### Academical: Hawaiian Cleanup

Personal: React-RevealHeader

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

StandardGage in /gage-schuster

Portfolio

August 2021 - May 2025

June 2024 - August 2024

June 2023 - March 2024 Newark, DE

Bentonville, AK

February 2023 - May 2023

Newark, DE

Newark, DE

May 2021 - September 2022 Wilmington, DE

March 2024 - May 2024

March 2023

March 2023