




Andrew Long

 github.com/andrewl15  [Linkedin/andrewl15](https://www.linkedin.com/in/andrewl15)  longandrew321@gmail.com

EDUCATION

University of Delaware

B.S. Computer Science

August 2020 - December 2023

GPA: 3.3

COURSEWORK

Courses: Software Engineering, Advanced Web Development, Object-Oriented Programming, Data Structures, Data Mining, Machine Learning, Algorithms, Systems Programming, Assembly Language, Cybersecurity, Operating Systems, Discrete Math, Linear Algebra, Statistical Methods

Awards: Dean's List (4x)

CERTIFICATIONS

AWS: Certified Cloud Practitioner (CLF-C02)

SKILLS

Programming Languages: Java, Python, TypeScript, HTML/CSS, JavaScript, C, C++, C#, SQL

Frameworks: React, Node.js, REST, ASP.NET, PySpark

Developer Tools: Git, Bootstrap, Google Firebase, Docker, Visual Studio, SQL Developer, Eclipse

Cloud Infrastructure: AWS Cloud Practitioner, Google Firebase, Infrastructure as Code, CI/CD pipelines

DevOps Practices: Git CI/CD, cloud deployment, server management

Web Application Development: Familiar with Karate testing, lang, go, php, redux

Machine Learning & AI: Familiar with AI-driven applications

TECHNICAL PROJECTS

Project Lens | [Project Repository](#) | *VS Code, Git, HTML, CSS, JavaScript, Google Firebase*

Aug. 2023

- Led front-end development using HTML, CSS, and JavaScript to build a dynamic social media platform combining features from Instagram and LinkedIn.
- Tackled CSS layout challenges, ensuring a seamless user experience across devices.
- Addressed student and feedback to deliver innovative solutions, resulting in an improved visual experience and user satisfaction.

Senior Design Project | *VS Code, TypeScript, React, React Router, Plotly (Library), Git*

Aug. 2022 – May 2023

- Developed a user-friendly website for Biology research, utilizing TypeScript and React to organize and display complex data.
- Consistently met and exceeded client expectations by delivering high-quality deliverables on time, ensuring client satisfaction throughout the project lifecycle.

CRUD Database Application | *SQL, Visual Studio, C#, .NET Framework*

April 2023

- Integrated the database with a .NET application to facilitate role-based data access and management.
- Designed and implemented row-level security in a SQL database to manage user permissions across school-related schemas, linking ASP.NET user roles (e.g., Student, Instructor, Admin) to database entities.

EXPERIENCE

Volt Information Sciences | *Customer Support Representative*

Dec. 2022 – Present

- Efficiently handle document assignment and process bills into the system, ensuring accurate and timely completion of tasks to support smooth business operations.
- Occasionally coordinate with urgent cares to schedule patient appointments via phone calls, and efficiently handle the receipt and management of medical reports to ensure timely and accurate processing of patient records.
- Collaborate with cross-functional teams to streamline processes and improve efficiency, contributing to the overall success of customer support operations.