ANDREW **EGGLESTON**

Software Engineer

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WORK EXPERIENCE

Genelec Inc.

Technician

Creating tools to streamline shipping procedures. Managing network architecture to support **Dante** networking protocol with DHCP and mDNS. Testing software which managed DSP calibration hardware installed in speakers.

📅 March 2020 - Present 📍 Natick, MA

Open Avenues Foundation

Student Consultant

Completed a software development industry project at thirdweb. Gained a strong conceptual understanding of blockchain principles, specifically **Ethereum** and the **EVM**. Used **Solidity** to complete a series of programs, culminating in a self-directed project. I made a https://github.com/andrewegleston/tictactoe where players can wager eth on who will win the game.

📅 Fall 2023

Northrop Grumman

Software Engineer

Created an employee management database. Gained experience in **Java EE**, **angular.js**, and **SQL**. Utilized Agile software development process to organize tasks.

📅 June 2019 - August 2019 📍 Baltimore, MD

PROJECTS

Death By Dagger

github.com/andrewegleston/DeathByDagger

A game resembling 'Senior Assassin,' updated for the electronic age. Made use of the **Slack API** to keep players updated on their status in the game. Created using **Go**, with data hosted on **PostgreSQL**.

OxiDish

github.com/andrewegleston/OxiDish

A CRUD app to store recipes, queryable by ingredients. Great for figuring out what you can make with ingredients in your fridge. This is just the backend, written in **Rust** with the **Axum** web framework and **sqlx**. Currently developing a **Vue** frontend.

Observer

github.com/andrewegleston/observer

A web application designed to view Dota 2 replays. Replays consist of **ProtoBuf** network packets from all players. **Observer** translates this network data into meaningful information such as player location and state. Written in **Go**, frontend with **React**.

WHS Planner

SUMMARY

Entry software engineer who is an eager learner. Looking to gain experience in the field. Enjoys deep dives into systems and designing performant, understandable solutions.

SKILLS

Languages

Java Go C Javascript

Tools

Linux git Bash Agile
SQL/OracleDB Docker/IaC LaTeX

COURSEWORK

Operating Systems
Mechanics of Programming
Computer Architecture & Assembly
Software Design

EDUCATION

MassBay Community College

AS in Computer Science

📅 Dec 2023

ACTIVITIES

Computer Science House

Member

📅 September 2018 - Present

Living and learning community focused on growing member's careers and knowledge.

AWARDS

Dean's List

MassBay 📅 Fall '22

github.com/s0urc3d3v3l0pm3nt/whs_planner

A client application developed to provide students with a simple schedule planner and organizer. The application features an intuitive calendar, an automatically updating schedule, and a live news feed. The app was created using **Java**, with **JavaFX** as a graphical framework.