ANDREW **EGGLESTON**

Software Engineer

✉ egglestonandrew927@gmail.com 📞 +1 (508) 988-5104 ○ andreweggleston
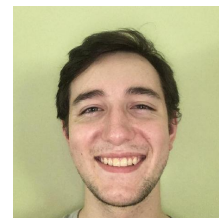
WORK EXPERIENCE

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/andreweggleston/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/andreweggleston/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/andreweggleston/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/andreweggleston/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**.

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