

Matthew Gunton

me@maurelius.com

linkedin.com/in/matthewjgunton | github.com/matthewjgunton

EDUCATION

Lehigh University

Bethlehem, PA

Bachelor of Science, Computer Science and Business

GPA: 3.79

Expected May 2022

PROFESSIONAL EXPERIENCE

InstaMed- a JPMorgan Company

Newport Beach, CA

Software Engineering Intern

June 2020 — August 2020

- Create an SMS payment interface proof of concept in C# Web API, interacting with Twilio API
 - Reverse engineered the Twilio Controller for use with Web API rather than MVC
- Experience with Microsoft Development Environment
- Experience developing microservices

Sintan Inc

Whitehouse Station, NJ

Software Engineering Intern

June 2019 — August 2019

- Created a NodeJS script that would check if a doctor's website had been updated, could handle up to 200 websites at once completing in roughly 5 seconds
- Designed a new website for the company created entirely in JavaScript, HTML, and CSS3

Dolomite

Bethlehem, PA

Front-End Engineer

February 2019 — November 2019

- Created smart contract functions (Solidity) and corresponding tests
- Created a user interface for users to interact with Uniswap Smart Contracts
- Styled and built corresponding functionality for a referral component in React
- Created their online apparel store (store.dolomite.io) utilizing Shopify

PERSONAL PROJECTS

Campus-Wide Egg Hunt

March 2020

- hundreds of participants
- 2000 eggs hidden manually with each egg having a unique code
- Created a system that would create secure numbers via check digit
- Drove 1000% increase in traffic to my website
- **HTML, CSS, JS, MongoDB, NodeJS Backend**

Machine Learning Hearing Project

August 2020

- Built a Convolutional Neural Network to determine which sounds were signaling danger and thus should be magnified, and which could be safely dampened by a hearing aid
- Using roughly 20GB worth of Audio Data
- **Python, Amazon Data Exchange, Amazon EC2**