Matthew Blanco

Candidate for BS in Computer Science and Design at Northeastern University

Boston, MA 02115

609-760-8964

mattmblanco@gmail.com

mattblanco.me

github.com/MBlanco03

linkedin.com/in/mattblanco

SKILLS

Time Management

Leadership

Public Speaking

Communication

Problem Solving

Teaching

Design

Quick Learner

Computer Skills

Java

Git

Markdown

Alluxio

Basic Python

Racket

Command Line

Functional Programming

Object-Oriented Programming

Adobe Suite

Awards

Eagle Scout

Max Thomas Explore the World Scholarship

EXPERIENCE

Alluxio, San Mateo, CA— Software Engineer Intern

July 2019 - August 2019

- Worked on workflows to improve metrics collection, documentation & documentation generation by using Java, Git, CLI, Markdown. and Docker
- Wrote a blog post about setting up new metric collection software with Alluxio
- Participated in daily engineering "standups" to report project progress and presented completed projects to coworkers

FRC Team 1647 The Iron Devils, Shamong, NJ— Software Lead

January 2018 - March 2019

- Programmed the robot for the 2019 FRC season using Java and theWPILib Java library for robot movement and controls
- Taught the software team of eight peope Java and the basics of programming a robot with the WPILib library alongside various sensor usages (encoders, potentiometers, etc.)
- Presented in front of 100+ people of engineers and students about robotics and the software end of how our robot functioned

EDUCATION

Northeastern University, Boston, MA— Computer Science and Design

September 2019 - Present

- 5 Year plan with 3 co-ops
- GPA: 3.640
- Extracurriculars: NUHOC (Huskiers and Outing Club)
- Relevant Classes: CS Fundamentals I/II, Discrete Structures, Algorithms and Data, Graphic Design

Shawnee High School, Medford, NJ— High School Diploma

September 2019 - June 2019

- Class Rank: 96/381
- GPA: 3.65
- Extracurriculars: Cross Country, International Current Events, FRC Robotics, Winter Track

PROJECTS

Personal Website - HTML, CSS, JavaScript

- Created website from scratch utilizing Github Pagesto have full control over site content
- Utilized the D3 JavaScript library to have animated elements on the site and make it more visually intersting

Atlas— JavaFX Project

- Utilizing the JavaFX library and Maven the project aims ot create a way to visualizes a codebase based on file usages for an easier way to understand and comprehend large code projects
- Self taught myself JavaFX and Maven as I work on the project and continuing to learn as I slowly make progress with it