# Matthew Blanco

Candidate for BS in Computer Science and Design
at Northeastern University


58a Main St.
Southampton NJ, 08088
609-760-8964
mattmblanco@gmail.com
mattblanco.me


## SKILLS

Time Management
Leadership
Public Speaking
Communication
Problem Solving
Teaching
Design
Quick Learner

## Computer Skills

Java
Git
Markdown
Alluxio
Python
Racket
Command Line
Functional Programming
Adobe Suite

## AWARDS

Eagle Scout
Max Thomas Explore the World Scholarship

## LANGUAGES

English

## 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 season using Java and a library provided by WPI
- Taught the rest of the software team of eight peope Java and how to code an FRC robot
- Presented in front of 100+ people of engineers and students about how our robot was programmed

**Scout Troop 2048, Medford Lakes, NJ**
February 2011 - March 2019
- Served in several leadership positions such as: Senior Patrol Leader, Assistant Senior Patrol Leader, Patrol Leader, and Librarian
- Led group of 30+ young boys and was a proven leader within the troop
- Constant communication with adults and role model to younger Scouts

## 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, Discrete Structures, 2D Fundamentals

**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

FRC Swerve Drivetrain— Java Project
- Involves complicated mathmatics using gyros, encoders, and sensors to have full strafing and turning abilities with specifically calculated speeds and angles
- Not quite finished but provides a strong foundation for further development in the 2020 season