Eric Altenburg

Hoboken, New Jersey, 07030
609.306.2359 | ealtenbu@stevens.edu | github.com/ericaltenburg

Objective

Obtain an internship to gain experience in the field of computer science with an emphasis on security, machine learning, or systems programming.

Education

Stevens Institute of Technology, Hoboken, New Jersey — Graduating - May 2021
- Bachelors of Science in Computer Science
- GPA: 3.80 | Dean's List 2018 - Present
- Coursework: Algorithms, Automata and Computation, Computer Organization and Programming, Data Structures, Database Management, Discrete Structures, Intermediate Statistics, Intro to Web Programming and Web Development, Systems Programming

Mercer County Community College, West Windsor Township, New Jersey — Transferred - Aug 2018
- Associates of Science in Computer Science
- GPA: 3.96 | President's List 2017 | Dean's List 2018

Skills

Languages C/C++, CSS, HTML, Java, Javascript, LaTeX, OCaml, Python, R
Machine Learning Classifier Decision Trees
Operating Systems Linux Ubuntu, Mac OSX, Windows
Software Eclipse IDE for Java Developers, g++, GitHub, IntelliJ IDEA

Employment History

S.C. Williams Library, 1 Castle Point Terrace, Hoboken, NJ 07030 — Nov 2018 - Present
Library Assistant
- Provided customer service by helping answer questions from students and members about printing, finding books, or computers
- Upheld library standards by making sure furniture is well-kept throughout the building

Stevens Institute of Technology, CS Dept., 1 Castle Point Terrace, Hoboken, NJ 07030 — Aug 2019 - Dec 2019
Algorithms Course Assistant
- Reinforce understanding of course material to students by holding office hours, meeting with them individually, leading lab sessions, and occasionally holding lectures in the absence of the professor
- Assist professor in grading assignments and exams

Texas State University, 601 University Dr, San Marcos, TX 78666 — Jun 2019 - Aug 2019
Undergraduate Research Assistant
- Collaborated along-side a professor and another peer to produce a model capable of predicting drone battery consumption pre-flight
- Built a classifier decision tree in Python designed to analyze raw flight data and produce a prediction for all the maneuvers it will perform during its flight
- Compiled all findings during the project into an academic paper that was presented to other professors at a conference.

Projects

Modified Euler 43 Stevens Institute of Technology — Feb 2019
- Solved a modified version of the Euler 43 where when given a pandigital number of varying length, will find all permutations deterministically in sub 3 ms

Philly Codefest Drexel University — May 2019
- Built a model that helps current and future students better understand financial loans used to help pay for college
- Integrated an API from the Bureau of Labor Statistics in Java that allows one to view potential earnings in their respective field, then provides a breakdown for paying off a customized loan amount
- Received an honorable mention from Vanguard

Stevens Music Website Stevens Institute of Technology — Sep 2018 - Nov 2018
- Created a website using HTML, Javascript, and CSS with a group of 5 members to provide a list of upcoming events in Hoboken along with helping artists to promote and share their music.