

ALEXANDER ELLIOTT

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EDUCATION

Georgia Institute of Technology, Atlanta

August 2018 - December 2021

Candidate for Bachelor of Science in Computer Science.

GPA: 3.87 / 4.0

Barcelona Summer 2019 College of Computing Study Abroad

OBJECTIVE

Secure an internship where I can apply my experience in networking, databases, software development, and diverse personal projects to fulfill and exceed company goals and customer expectations.

PROJECTS

Analysis of Crime and its Influencing Agents

Leveraged Apache Hadoop and Hive to perform analysis of big data in the Hadoop Distributed File System searching for trends and correlations between crime data and weather patterns.

Reaper Farm

Using Raspberry Pi and socket programming, designed and implemented a fully autonomous growing system for Carolina Reaper plants. Data visualizations, plant status, and controls accessible over a TCP connection.

Traveling Salesman Problem Path Finder

Created an implementation of the traveling salesmen problem in C, forming a Hamiltonian cycle using simulated annealing.

TECHNICAL SKILLS

Most Experienced With

Java, Python, C

Some Experience With

Hadoop, Hive, SQL, VHDL, HTML5, JavaScript, Flask

EXPERIENCE

AT&T Summer Learning Academy

Externship

June 2020 - July 2020

Gained business acumen and entry-level technical skills through AT&T's program to provide experience to those who lost internships amidst the COVID-19 pandemic. Consisted of both online learning and guest speaker talks regarding finance, marketing, communication, technology, and leadership.

Pizza Hut

Shift Manager

January 2018 - May 2019

Coordinated a team of 15 - 20 employees to ensure that restaurant operations were carried out to a high standard. Oversaw financial matters such as bank deposits and transaction reports.

EXTRA-CURRICULAR

RoboJackets

2018 - Present

Constructed a 3-pound drum spinner battle-bot that competed in both local and national tournaments as well as a 30-pound beater-bar for the Midwest Robotics Design Competition. Currently leading the weapons sub-team for the second iteration of the 30-pound beater-bar.

Serve Learn Sustain Student Ambassador

2018

Attended workshops and events geared towards building a sustainable society through education and community outreach. Volunteered at the Atlanta Community Food bank.