

# ALEXANDER ELLIOTT

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## EDUCATION

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**Georgia Institute of Technology, Atlanta**

*August 2018 - December 2021*

Candidate for Bachelor of Science in Computer Science.

GPA: 3.89 / 4.0

Barcelona Summer 2019 College of Computing Study Abroad

## OBJECTIVE

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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

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### **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

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**Most Experienced With**

C, Java, Python

**Some Experience With**

Hadoop, Hive, SQL, Verilog, HTML5, JavaScript, Flask

## EXPERIENCE

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### **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

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### **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.