

# ALEXANDER ELLIOTT

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## EDUCATION

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### Georgia Institute of Technology, Atlanta

*August 2018 - 2021*

Candidate for Bachelor of Science in Computer Science.

GPA: 3.85

Barcelona Summer 2019 College of Computing Study Abroad

**Current Coursework:** Networking, Software Engineering

**Completed Coursework:** Data Structures and Algorithms, Design and Analysis of Algorithms, Databases, Database Technologies, Computer Organization, Systems and Networks, Digital Design Lab, HCI, Educational Technology

## OBJECTIVE

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Find an internship where I can apply the skills I have learned in class to gain practical experience working with databases and database management systems.

## PROJECTS

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### Analysis of Crime and its Influencing Agents

Used 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.

### Food-Map of Atlanta

Analyzed a Yelp data set using Python and plotted the data on an interactive map to visually show the growth of Mediterranean restaurants in Atlanta from 2006 to 2018.

### 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**  
**Some Experience With**

Java, Python, C  
Hadoop, Hive, SQL, VHDL, HTML5, JavaScript, Flask

## WORK EXPERIENCE

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### Pizza Hut

*Shift Manager*

*January 2018 - May 2019*

Coordinated a team of 10 - 20 employees to ensure that restaurant operations were carried out to a high standard. Responsible for spotting and resolving inefficiencies in the kitchen as well as working with customers to rectify issues. 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.

### 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.