

EDUCATION

The University of Texas at Austin
Master of Science, Computer Science

Austin, TX
August 2023 - Present

University of Connecticut
Bachelor of Science, Computer Science
Concentration: Computational Data Analytics
Honor: *magna cum laude*

Storrs, CT
December 2021

Bachelor of Science, Finance
Concentration: Quantitative Finance
Honor: *summa cum laude*
Cumulative GPA: 3.95/4.00

December 2021

WORK EXPERIENCE

Apple
Software Engineer

Austin, TX
January 2022 – Present

Amazon
Business Analyst Intern

Seattle, WA
June 2021 – August 2021

- Developed an automated tool to optimize hours of operation across sites by evaluating operational and labor law scheduling constraints and quantifying dollar-cost of non-adherence to improve flexibility of customer service headcount planning.

Amazon
Business Analyst Intern

Seattle, WA
June 2020 – August 2020

- Conducted statistical tests to strategically identify key variables affecting customer service shrinkage. Programmed machine learning models using Python to automate and enhance accuracy of capacity planning.

Collins Aerospace
Digital Technology Leadership Program Intern

Charlotte, NC
May 2019 – August 2019

- Designed Tableau data visualizations and Excel models to analyze enterprise-wide job trends, patterns, and interdependencies, uncovering and communicating significant risks and opportunities for future workload streamlining.

Otis Elevator Company
Digital Technology Leadership Program Intern

Farmington, CT
June 2018 – August 2018

LEADERSHIP

UConn College of Engineering
Teaching Assistant

Storrs, CT
August 2019 – December 2021

- Independently taught labs with up to 25 students, held office hours, and graded exams/assignments.
- Courses:** Artificial Intelligence (Fall 2021) | Intro. to Discrete Systems (Spring 2021) | Data Structures and Object-Oriented Design (Fall 2020) | Intro. to Principles of Programming (Spring 2020) | Intro. to Computing for Engineers (Fall 2019)

UConn Operations & Information Management Lab
Research Specialist

Storrs, CT
April 2018 – December 2019

- Guided multidisciplinary academic research across engineering, business, and psychology fields by consulting on emerging technologies such as AI, managing specialized lab resources, and assisting in experimental design and execution.

PROJECTS

Lockheed Martin Customer Portal
Computer Science & Engineering Senior Design Project

August 2020 – May 2021

- Reengineered Lockheed's portal by creating a prototype using Java, Angular, and AWS, facilitating future capabilities.

SKILLS

- Python
- Java
- C
- WebDev (Javascript, HTML, CSS)
- SQL
- Bilingual English and Russian