

EDUCATION

University of Connecticut

B.S., Computer Science

Concentration: Computational Data Analytics

Honors: *magna cum laude*

Storrs, CT

December 2021

B.S., Finance

Concentration: Quantitative Finance

Honors: *summa cum laude*

December 2021

Cumulative GPA: 3.95/4.00

WORK EXPERIENCE

Apple

Software Developer

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 measuring impact of operational and labor law scheduling constraints and dollar-cost of non-adherence to improve flexibility of customer service headcount planning.

Amazon

Business Analyst Intern

Seattle, WA

June 2020 – August 2020

- Tested hypotheses to statistically determine which variables affect customer service shrinkage and programmed machine learning models using Python to forecast shrinkage, leading to greater automation 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 job trends, patterns, and high-level dependencies in the enterprise data warehouse, identifying and reporting risks and opportunities for future workload optimization.

Otis Elevator Company

Digital Technology Leadership Program Intern

Farmington, CT

June 2018 – August 2018

- Collaborated in product development by coordinating deployment of Otis' live chat messaging feature in three international regions, allowing customers to quickly contact service agents in a new customer portal.

LEADERSHIP

UConn School of Engineering

Undergraduate 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 and Information Management Lab

Research Specialist

Storrs, CT

April 2018 – December 2019

- Facilitated academic research conducted by graduate students in engineering, business, and psychology by advising on technical capabilities and use of emerging technologies, handling lab equipment/software, and aiding with experimentation.

PROJECTS

Lockheed Martin Customer Hub Web Portal

Computer Science and Engineering Senior Design Project

August 2020 – May 2021

- Reengineered Lockheed Martin's customer web portal to allow for new technology architecture and customer features by co-developing a portal prototype using Amazon Web Services, Java, and Angular.

Competitions: HackUConn 2019 and 2018 (Crowd favorite) | 2017 PwC Challenge Case Competition (First place) | 2017 UConn Management Information Systems Case Competition (First place) | Selected for an independent study course on case competitions.

SKILLS

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|----------|-----------------------------------|---------------------------------|
| • Python | • MySQL | • C |
| • R | • Advanced Excel/Microsoft Office | • Bilingual English and Russian |