

EDUCATION

University of Connecticut

Bachelor of Science, Computer Science

Concentration: Computational Data Analytics

Storrs, CT

December 2021

Bachelor of Science, Finance

Concentration: Quantitative Finance

December 2021

Cumulative GPA: 3.94/4.00

WORK EXPERIENCE

Amazon.com

Business Analyst Intern, Worldwide Capacity Planning

Seattle, WA (Remote)

June 2020 – August 2020

- Tested hypotheses using Python and Excel to statistically determine which independent variables affect customer service shrinkage by leveraging data and feedback collected from Capacity Planning Analysts and Operations Research teams.
- Programmed machine learning models using Python that forecast interval-level customer service shrinkage with low error, reducing supply variance caused by shrinkage assumptions and leading to greater automation of capacity planning.

Collins Aerospace

Business Systems Intern, Digital Technology Leadership Program

Charlotte, NC

May 2019 – August 2019

- Analyzed job trends, patterns, and high-level dependencies in the enterprise data warehouse (EDW) by developing Tableau data visualizations to identify gaps and opportunities for future workload optimization.
- Researched, identified, and communicated business requirements to third-party vendors and collaborated in the configuration of a data catalog to restructure and unify siloed data management and reporting company-wide.

Otis Elevator Company

Business Systems Intern, Digital Technology Leadership Program

Farmington, CT

June 2018 – August 2018

- Designed training materials, developed action items, and delegated tasks to coordinate the roll out of Otis' live chat messaging feature in its new customer portal throughout three international regions, allowing customers to quickly contact service agents.

LEADERSHIP

UConn School of Engineering

Undergraduate Teaching Assistant

Storrs, CT

August 2019 – Present

- Independently instruct labs with up to 25 students, hold office hours, and grade exams/assignments.
- Mentor students in introductory and intermediate level computer science classes learning topics such as data structures and algorithms, program design and analysis in Python and Scheme, and mathematical methods for analyzing discrete systems.
- **Courses:** 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 School of Business Innovate Lab

Research Specialist

Storrs, CT

April 2018 – December 2019

- Facilitated academic research conducted by UConn graduate students by handling lab equipment, advising on technical capabilities, and providing assistance during the experimentation phase.

PROJECTS

Lockheed Martin Customer Hub Web Portal

Computer Science Senior Design Project

August 2020 – May 2021

- Redesigned Lockheed Martin's customer web portal to allow for new technology architecture and customer features by developing a portal prototype using technologies including 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

- Python
- MySQL
- C
- Web Design
- Microsoft Office (Excel)
- Bilingual English | Russian

HONORS

2019 UConn New England Scholar | 2018 UConn Homer Babbidge Scholar | Beta Gamma Sigma Business Honor Society