

## 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**

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.com**

Business Analyst Intern, Worldwide Capacity Planning

**Seattle, WA**

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 to forecast interval-level customer service shrinkage resulting in reduced supply assumptions and variance, 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 – Present

- Independently teach labs with up to 25 students, hold office hours, and grade 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, and aiding during the experimentation phase.

## PROJECTS

### **Lockheed Martin Customer Hub Web Portal**

Computer Science 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

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

## HONORS

2020 & 2019 UConn New England Scholar | 2018 UConn Homer Babbidge Scholar | Beta Gamma Sigma Business Honor Society