

## 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*

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 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

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

