

EXPERIENCE

Summer 2018

PNT Financial | Chicago, Illinois
Software Engineering Intern

Worked under a quantitative analyst and traders to write backtest software for multiple futures strategies using Python.

Wrote a Python program that runs on an AWS server to automate daily trade reminders for strategies.

September 2017 - February 2018

The Morey Corporation | Chicago, Illinois
Software Engineering Intern

Worked with a diverse team of engineers to develop a proprietary radio device and transmission protocol.

Wrote system requirement specifications and system feature requirements with systems engineers.

Designed test cases and wrote testing reports on the performance of devices.

PROJECTS

2018

QR Code Marketing Application

Planned, designed, and implemented an iOS application for a customer's marketing business. App generates QR codes based on a user's uploaded content and allows others to retrieve the content via the original QR code.

2018

Trading Strategy Backtest Software

Designed, implemented, and tested a suite of software to analyze and trade a futures strategy.

2017

Coursemo Database Application

Wrote a Windows desktop application using C# and SQL Server to allow users to register, swap, and drop university courses easily.

EDUCATION

August 2016 - May 2019

University of Illinois at Chicago
Computer Science, B.S.
Chicago, Illinois
GPA: 3.7

Spring 2017

Reykjavik University
Study Abroad Program
Reykjavik, Iceland**RELEVANT COURSEWORK**

High-Performance Computing
Data Structures
Algorithms
System Programming
Artificial Intelligence
Mathematics and Statistics

SELF-STUDY

iOS Development
Machine Learning in Finance

SKILLS

| | |
|------------|--------------|
| C/C++, C# | Command Line |
| Java | Git |
| Python | Unix/Linux |
| SQL Server | Xcode |