

**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