

## PRESENT ADDRESS

251 W 15th St  
Apartment 26  
New York, NY 10011  
(630) 450-5725

## PERMANENT ADDRESS

2558 Breckeridge Ct.  
Aurora, IL 60504  
(630) 978-1952

## JOB OBJECTIVE

An engineering position where I am challenged to build interesting and complex things.

## EXPERIENCE

### Strats Associate, QVT

GOLDMAN SACHS

2017-Current

Took over maintenance and improvement in our consolidated networking library. This library provided a generalized and concrete framework for publishing option theoretical values, normalized market data, trading events in remote colocations, and information about our quotes in remote colocations.

### Strats Analyst, QVT

GOLDMAN SACHS

2015-2017

Worked on the infrastructure team on the Options Market Making business. Mainly worked in **C++**, with analysis done mostly in **Python** and Slang. Worked on the core networking and memory management libraries for the group, including the **InfiniBand** code, which was improved with Management Datagram monitoring. Wrote a multicast line to thread scheduler for our consolidated networking library.

### Strats Summer Intern, Quant Vol Trading

GOLDMAN SACHS

Summer 2014

Wrote code in **C/C++** for automated market making in options, and an order routing system for equities. My modifications were in production by the end of the summer.

### Technology Summer Intern

GOLDMAN SACHS

Summer 2013

Rewrote an application used to schedule automated operating system builds and automated tests of hardware and software.

The project used **Python** and **Redis**.

## EDUCATION

B.S. Computer Engineering

ILLINOIS INSTITUTE OF  
TECHNOLOGY

2011-2015

## AWARDS

### Camaras Scholar

The Institute's highest undergraduate academic honor, the Camras Scholars Program challenges the top 1% of the applicant pool to apply and interview with a faculty member for a place as a Camras Scholar. **[1 of 30 in my class]**

### Duchossois Leadership Scholar

Member of the Inaugural Class

The Duchossois Leadership Scholars Program is a nationally preeminent, elite scholarship program at IIT, attracting top students from across the country who have demonstrated exceptional leadership potential and academic success in their projected field. **[1 of 3 in my class]**

## ENGINEERING SKILLS

C++ and Python Programming, Linux Systems Programming and Administration, InfiniBand, Ethernet/IP Multicast, Technical Research,  $\text{\LaTeX}$ .