

# Kong Huang

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## EDUCATION

### NEW YORK UNIVERSITY

TANDON SCHOOL OF ENGINEERING

B.S. IN COMPUTER SCIENCE

Grad. December 2015 | New York, NY

Minor in Game Engineering

Minor in Game Design

Cum. GPA: 3.08 / 4.0

Major GPA: 3.29 / 4.0

### STUYVESANT HIGH SCHOOL

Grad. June 2012 | New York, NY

## LINKS

Github:// [wheressswaldo](#)

LinkedIn:// [konghuang](#)

Twitter:// [@KongHuang](#)

## COURSEWORK

### GRADUATE

Artificial Intelligence

Applied Cryptography

Interactive Computer Graphics

Game Programming

### UNDERGRADUATE

Operating Systems

Software Engineering

Game Development Studio

Android Development

Data Structures & Algorithms

## SKILLS

### PROGRAMMING

Proficient:

Python - Java - SQL

Familiar:

Swift - CSS3 - HTML5 - C++ -  $\LaTeX$

Javascript - C

### ENVIRONMENTS

Windows:

Eclipse - Visual Studio - Unity 5.0

Linux:

Vim - Bash

## EXPERIENCE

### J.P. MORGAN CHASE & CO. | SOFTWARE ENGINEER

Feb 2016 – Present | New York, NY

- Maintained a Java-based trading risk management application with over 1.5 million lines of code
- Designed an entirely new scheduling system with new and improved daily scripts as part of a large hardware migration initiative
- Optimized application code base across the board to improve latency and performance that has degraded as a result of technical debt
- Implemented financial requirements and requests such as MIFID II, CME USD non-zero spread, and global solver USD OIS curve migration using Python in Athena, a next generation pricing, risk management, analysis and trade management platform
- Functioned as the first line of contact for majority of risk or PNL calculation issues reported by the Dollar Desk

### J.P. MORGAN CHASE & CO. | TECHNOLOGY ANALYST INTERN

June 2015 – August 2015 | New York, NY

- Utilized Python to automate assessments for restrictions on firm capital
- Generated user interfaces with Enaml in firm's proprietary trading platforms

### VIRGINIA DARE EXTRACT | INFORMATION TECHNOLOGY INTERN

June 2013 – January 2014 | New York, NY

- Constructed and initialized new computer systems and servers for a company-wide upgrade

## AWARDS

### GOOGLE HACK 4 HUMANITY | 2ND PLACE AND BEST COMPLETION

December 2014 | New York, NY

- Developed an encryption and steganographic service for use by journalists
- Technology stack consisted of Handlebars, Node.js, Bootstrap, Express, Crypto, and PDFtk

### HACKNYU | MICROSOFT CHALLENGE WINNER

November 2013 | New York, NY

- Created crowd-sourced political mobile application in XAML and C# for themed challenge
- Scraped and automatically formatted data from news outlets for display

## VOLUNTEER

### RESCUING LEFTOVER CUISINE

December 2014 - October 2017 | New York, NY

- Helped bring excess food from partners to local NYC homeless shelters and created prototype for mobile application at J.P. Morgan's Code for Good

### MERCY CORPS

October 2009 - June 2012 | New York, NY

- Helped organize campaigns to raise awareness of global issues such as poverty and world hunger