

Education

New York University Tandon School of Engineering

Bachelor of Science in Computer Science

Master of Science in Computer Science

GPA: 3.72 / 4.0

New York, New York

Expected: May 2020

Expected: Dec. 2020

- Tandon Scholarship (Full Tuition Scholarship)
- Dean's List (3 consecutive years)
- Tandon Engineering Honors Program
- BS / MS Program
- Varsity Volleyball Athlete
- UVC All-Academic Award (3 consecutive years)

Relevant Graduate Coursework: Information Security, Penetration Testing, Digital Forensics, Network Security, Computer Networking, Advanced Algorithms II, Software Engineering

Relevant Undergraduate Coursework: Operating Systems, Artificial Intelligence, Databases, Computer Architecture and Organizations, Object Oriented Programming, Data Structures and Algorithms, Advanced Algorithms, Discrete Mathematics

Work Experience

Yahoo! Inc.

May 2019 – Aug. 2019

iOS Software Engineer Intern (Yahoo! Fantasy Sports App)

- Worked in Swift and Objective C to create new views, manage API calls, add analytics, and create new features in existing views.
- Contributed in production on the new Fantasy Draft “Best Ball” flow and links to existing features.
- Created Units Tests for models and API calls to ensure stability.
- Prepared for scaling for the upcoming football season (10 million active user a month).
- Full-Time Offer Extended

STOR

Dec. 2017 – Dec. 2018

iOS Developer

- Programmed front end and back end for an iOS application in Swift (github and website private – request please)
- Worked and held meetings with lawyers from Airbnb, spoke to investors about future funding.
- Backend Development with Firebase using NodeJS and set up payment system with Stripe.

NYU Tandon School of Engineering

Aug. 2017 – Dec. 2017

Computer Science Teaching Assistant

- Assisted the Introduction to Python and Problem Solving Class (CS 1114) for CS Majors
- Taught a lab section, created weekly plans, proposed homework questions, graded homework
- Held tutoring sessions for students struggling with the class

Intelli-Heart Services, Inc.

May 2017 – Aug. 2017

Technology Intern

- Created a new database and website for doctors to easily and quickly access patients' information.
- Worked with HTML and JavaScript for front-end work.
- Managed the tech-side of heart monitors by configuring monitors, and enrolling new patients

Research

Artificially Intelligent, Autonomous MicroReactors for the Discovery of Polyolefin Catalysis Aug. 2019 - Present

Artificial Intelligent Software Developer

- Laboratory-scale catalyst screening and characterization to broadly accelerate materials development and polymer commercialization. Uses artificially intelligent, autonomous microreactors (MicroAIRs) to address the technical challenges to better observe and analyze the catalyst process. I aided in the process of continually configuring the A.I and API to render the data in the smoothest and most efficient way possible. Led by Ryan Hartman PhD.

Notable Achievements

Computer Science / Engineering

- Iraj Kalkhoran I2E Award 2nd Place (2016) - Best product (Detektor), amongst all freshman honors engineers
- Most Technically Impressive for iPhone Application PUUL (2016) - Ccreated carpool app for LA-based high school

Volleyball (NYU Varsity / USA Youth National / High School)

- United Volleyball Conference Champion, NCAA Participant, USA Youth National A2 Team, Junior Olympics Player

Skills

Proficient in Swift, Python, C++, MySQL, C, Objective C, HTML, Firebase, Sketch, Microsoft Office Products, Illustrator