

## EDUCATION

Bachelors of Science, Computer Science, The City College of New York, December 2019

## RELEVANT COURSEWORK

**Elective Courses(non-required):** Data Science, Data Visualization, Web Programming, Web Security, iOS Programming(CodePath)

**Certificates:** Joining Data in PostgreSQL(DataCamp), Intro to SQL for Data Science(DataCamp), Python Programming track for Data Science(DataCamp), Financial Concepts with Python(DataCamp)

## QUALIFICATIONS

**Technical Languages:** Python 3, JavaScript, SQL, C++, Swift, HTML, CSS, Java , Ruby, MATLAB, R

**Technical Tools:** React, Bootstrap, Django, NodeJS, Cocoapods, PostgreSQL, XCode, Selenium, , LAMP(stack), SEO, Wordpress, Git, Adobe Photoshop, Adobe InDesign, Windows, Linux(Bash), OSX-Terminal, Microsoft Office Suite, Unreal Engine, Unity, Visual Studio, Seaborn, sklearn, numpy, pandas

**Languages:** English(Native), Chinese(Fluent in speaking/listening)

**Other technical aspects:** Object oriented programming, full stack web development

## EXPERIENCE

**Software Quality Engineer Intern , FHLBNY, Jersey City, NJ**

February 2019-August 2019

Wrote Selenium Scripts in order to create automated tests for applications. Took on a web developer role where I wrote a web application which helped create visualization on showing testing resources and created interactive modals to interact with necessary test steps. This utilized HTML, CSS, Javascript, ChartJS, and knowledge of DOM(Document Object Model). Worked with existing JSP(Java Server Pages) code base.

**Upton Realty Group IT Intern, New York, NY**

September 2018-December 2018

Helped with designing to WordPress Pages, and setting up of themes and plugins. Helped setup computer systems. Technologies: HTML, CSS

## PERSONAL PROJECTS

**Clearsyn.com:** Developed this project for the sake of developing new web design skills. Advertised and learned to spread the word of the business. Developed the page with SEO(search Engine Optimization in mind). Used HTML, CSS, Javascript, Nodejs, Design Tools(Photoshop, Inkscape etc) (**Jan. 2019 - Present**)

**UnrealEngine - DodgeBall:** Personal project currently in progress. This will be simulating a multiplayer dodgeball game which will be created with Unreal Engine and Blender. All models will be created from scratch(Mostly). (**September 2018 - Present**)

**DecentlyNuttySandwiches:** This personal project used BootStrap, HTML, CSS and JavaScript to create a sandwich website for hypothetical buyers. More like a spoof sandwich website. This website also incorporated P5.JS which was used to create a sandwich game. (**January, 2017**)

**DayByDay:** iOS Application created to improve patient and family experience. Allowed patients and parents to see credentials of health professionals and doctors involved during the day. Minimal viable product created at Columbia University Medical Hackathon. Incorporated Multifunctionality: Display of list of doctors, notepad, calendar with list. Implemented with Xcode, Swift, Firebase, Cocoapods, and Catharage. (**March, 2016**)

**AirU:** Web application which was created with the intention to help users find the best economic decisions and maintain distance comfortability when users want to travel in Ubers or live in AirBNBs and compare local transportation costs. This was a minimal viable product created at the Data Science Hackathon at Cornell University. Implemented with backend Python Django, frontend languages: HTML, CSS, JavaScript and APIs: scraped AirBNB data, Uber API(deprecated), Google Maps API (**March, 2016**)

## HACKATHONS/AWARDS

**Best Website**, Columbia University Health Hacks, 2018

**2<sup>nd</sup> Place**, Columbia University InnovateNYP Medical Hackathon, 2016

**1<sup>st</sup> Place**, Cornell University Data Science Hackathon , 2016

**1<sup>st</sup> Place**, Heroes vs Hackers Hackathon, 2015

**Award of Appreciation**, Stony Brook University SASE Club, 2014