Darren Zhang

📞 (646) 641-0775　|　✉ darrenzhang200027@gmail.com　|　⌥ darrenzhang2000　|　in darrenzhang2000

Education

Hunter College　　　　　　　　　　　　　　　　　　　　　　　　　　　*New York, NY*
BACHELOR OF ARTS - COMPUTER SCIENCE AND MATHEMATICS DOUBLE MAJOR, GPA: 3.96/4.0　　　　　　　　*Dec 2021*

- Courses: Data Structure and Algorithms, Software Engineering, Open Source Software Development, Operating Systems, Database Management, Computer Theory, Software Analysis and Design (I, II, III), Computer Architecture (I, II), Probability Theory, Linear Algebra, Discrete Math

Experience

JPMorgan Chase & Co.　　　　　　　　　　　　　　　　　　　　　　　*New York, NY*
SOFTWARE ENGINEER INTERN　　　　　　　　　　　　　　　　　　　*June 2021 - Aug 2021*

- A member of the Corporate Technology team, whose goal is to build large scalable systems with a focus on app development, automation, and databases.

NYC Department of Transportation　　　　　　　　　　　　　　　　　*New York, NY*
FULL STACK DEVELOPER INTERN　　　　　　　　　　　　　　　　　*Jun 2020 - Aug 2020*

- Designed and implemented the user management UI and microservice to streamline obtaining user permissions, for 147 users.
- Implemented features such as user / usergroup details, filter, search, authentication and mapped out relationships between user, user group, function, function group, and routes.
- Wrote API endpoints, complex SQL / LINQ queries, and constructed controllers from models following the MVVM architectural pattern.
- React, Redux, Material UI, .Net Core, C#, SQL, Docker, Kubernetes

Numina　　　　　　　　　　　　　　　　　　　　　　　　　　　*New York, NY*
SOFTWARE ENGINEER INTERN　　　　　　　　　　　　　　　　　　*Jan 2020 - Jun 2020*

- Integrated new features into the admin panel using information retrieved from AWS through Apollo queries.
- Developed new metrics, created new visualizations, augmented reports with new data from sensor API, and improved report styling and layout.
- Python, Jupyter Notebooks, Matplotlib, Pandas, Web APIs (GraphQL and REST), HTML, CSS, AWS.

Projects

Lyrics Generator - theCodex

- Created for TheCodex, which is a platform used by 575,000+ students.
- Uses markov chains to generate songs like your favorite music artist's. Covers topics like API requests, web scraping, markov chains, and Flask.

CBoard - UNICEF

- Product Manager Volunteer - lead over 10 developers in the mobile development of UNICEF's CBoard project, currently deployed in 3 countries, and aims to help kids with communication difficulties communicate through symbols and text–to–speech..

Skills

Languages	JavaScript, Python, C++, C#, HTML, CSS, SQL
Frameworks	React, Redux, Node.js, Flask, .Net Core, SQL Server, MongoDB, Docker, GraphQL, Express, Git

Honors/Awards

Best Domain Name by Domain.com, out of 203 hackers at HackOrTreat	*Oct 2020*
Best Diversity Hack by FCA, out of 576 hackers at Shellhacks	*Oct 2020*
Best Use of Google Cloud by Google, out of 576 hackers at Shellhacks	*Oct 2020*
Best Hack for Social Good - State Farm, out of 262 hackers at Sunhacks	*Oct 2020*
Best Use of Google Cloud, out of 286 hackers at SBUHacks	*Sept 2020*
Second Overall, out of 187 hackers at New Friends, New Hacks	*Sept 2020*
Hack This Fall Top - 15 Wolfram Prize, out of 405 hackers at Hack This Fall	*Nov 2020*
Open Educational Category Winner, out of 54 hackers at Hack The Innovation	*Sept 2020*
First Time Hackers Winner, out of 211 hackers and Queens College HackAttack	*Oct 2018*