

Experience

Present	Data Analyst • Analyzed disease statistics & patterns in each neighborhood using NYC Open Data, Python 3, NumPy, Matplotlib, Pandas, Anaconda & Jupyter	Preparation for NYC Open Data Week 2019
Apr – May 2018	Software Engineer & Scrum Master • Managed & collaborated with a team of 4 developers for 2 intensive sprints & enhanced production rate • Led series of user interviews, clarified user stories, initiated proper system design to meet the requirements & specifications of the project and ensured first prototype delivery on time • Built a user authentication system with SSL encrypted remote database connection & password hashing by using Java-Servlets, MySQL, BCrypt, AWS, Apache Tomcat & JavaEE	MeDefine Project
Feb - Jun 2017	Intern (Software Engineering) • Assisted Program Manager & Lead Software Engineer with VR game development, integrating Oculus Rift with Brain Computer Interface Technologies (EEG) • Created an immersive virtual world (Times Square) using Unity Game Engine & 'Go Map' API • Independently conceptualized & built a data-visualization web player app by implementing D3 & VideoJS	Neuromatters LLC
Jun - Aug 2016	Intern (Software & Hardware Engineering) • Assisted CTO & Lead Engineer with R&D projects by enhancing coordination for 3D printers & web apps • Designed 2 PCBs (Printed Circuit Board) to test & specify functional limits of PCB 3D printers & web apps • Analyzed & presented possible improvements in UX & accelerated weekly software update release rate	BotFactory Inc

Education

2019	Queens College, CUNY, BS in Computer Science Highlight : Web Technologies, Database Systems, Operating Systems, Software Engineering, Data Structures, Algorithm Design-Analysis, Biometric Security & Privacy, OOP in Java, Algorithms for Big Data, Distributed Sys., Data Mining-Warehousing
2016	Laguardia C. College, CUNY, AS in Electrical Eng.

Scholarships & Awards

2018	IBM Vault Winner
2017	NYC Tech Talent Pipeline Residency & Boot-camp Scholarship
2015	Capital One Tech Entrepreneurship Scholarship & Seed Capital Award
2012	Global Undergraduate Exchange Scholarship

Skills

Web Dev

JavaScript, HTML5, CSS3, D3, React, Redux, NodeJS, Express, Heroku, Java, Java Servlet, Apache Tomcat

DBMS

MySQL, MongoDB, Oracle, PostgreSQL

Knowledge

Object-oriented Design, Web Technologies, Data Structures, Algorithms, Agile Methodology

Data Analysis

Python 3, Anaconda, Jupyter, Matplotlib, NumPy, Pandas, Scipy

Tools

Git, GitHub, BitBucket, AWS, Command Line, Babel, Webpack, Bootstrap, UML Design, OpenGL

VR & Game Dev

C#, Unity, Oculus Rift, Go Map, Merge Cube

Recent Projects

Present	Email, web app for surveys Using NodeJS, Express, React, Redux, Google OAuth 2, Stripe, MongoDB, Heroku, Git, etc.
2018	Facial-Voice Recognition Sys. & RSA Enc-Dec Using Eigenface, Fourier Transform, etc.
	Models, Data Structures & Algo. for Big Data Analyzed streaming models, Bloom Filter, Count-Min Sketch, Hashing, NN Conden., etc.
	Image Processing Algorithms
	Customized Command Line Interpreter Shell
	Web Scavenger Hunt & Crawlers
	CPU Scheduling Simulation
	Bank Semaphore Simulation
	Normalizing NYC Dog Registration Database