

## Experience

Present	<b>Full Stack Engineer</b>	<b>Mphasis</b>
	• Coordinated with teams & built systems for clients using Java, Spring, NodeJS, ExpressJS, Hibernate, Sequelize, Oracle, MySQL, MongoDB, HTML5, CSS3, Angular 4, React, Redux, JUnit, Jest, Git & APIs	
Present	<b>Full Stack Engineer</b>	<b>SNV</b>
	• Designed & built tools for visualizing social networks. Implemented D3, React, Redux, ExpressJS, NodeJS, FakerJS, MongoDB, PassportJS, Google OAuth2.0, SendGrid, Jest, Heroku, Git, HTML5, CSS3 & APIs	
Apr - Jul 2019	<b>Full Stack Engineer</b>	<b>BotFactory Inc</b>
	• Built new custom features & upgraded existing features in ERP & CRM systems on Odoo for the company's engineering teams and sales teams using Python, XML, JavaScript, Java VM, QWeb & Linux system.	
Apr - May 2018	<b>Software Engineer &amp; Scrum Master</b>	<b>MeDefine</b>
	• Managed & collaborated with a team of 4 developers for 2 intensive sprints & enhanced production rate • Led user interviews, clarified user stories, initiated system design & ensured 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	
Feb - Jun 2017	<b>Intern (Software Engineering)</b>	<b>Neuromatters LLC</b>
	• Supported 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 app by implementing D3 & VideoJS	
Jun - Aug 2016	<b>Intern (Software &amp; Hardware Engineering)</b>	<b>BotFactory Inc</b>
	• 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	

## Education

2019	<b>Queens College, CUNY, Bachelor in Computer Science</b> Highlight : OOP in Java, Data Structures, Algorithm Design & Analysis, Operating Systems, Software Engineering, Biometric Security & Privacy, Algorithms for Big Data, Distributed Computing, Data Mining & Warehousing, Image Processing.
2016	<b>Laguardia C. College, CUNY, Associate in Electrical Engineering</b>

## Scholarships & Awards

2018	<b>IBM Vault Winner</b>
2017	<b>NYC Tech Talent Pipeline Residency &amp; Boot-camp Scholarship</b>
2015	<b>Capital One Tech Entrepreneurship Scholarship &amp; Seed Capital Award</b>
2012	<b>Global UGRAD Exchange Scholarship</b>

## Skills

### Web Dev & DBMS

JavaScript, HTML5, CSS3, D3, React, Redux, Angular 4, NodeJS, ExpressJS, Java, Spring, Apache Tomcat, Hibernate, JDBC, Bootstrap, MaterializeCSS, Heroku, Google Cloud, AWS, MySQL, MongoDB, Oracle, PostgreSQL

### Tools

Git, GitHub, BitBucket, NPM, Babel, Command Line Tools, Babel, ERDiagram, UML, OpenGL, Flowchart, Odoo, Stripe, PassportJS, OAuth2.0, SendGrid, Encryption-Decryption Tools, APIs

### Knowledge

Object-oriented Design, Data Structures & Algorithms, Operating Systems, Distributed Systems & Computing, CRM, ERP

### Data & ML

Python, Google Colab, Jupyter, Spyder, Pandas, Matplotlib, NumPy, Scikit-Learn, Scipy

### Team

Agile Methodology, Scrum, Kanban, Project Management

### VR & Game Dev

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

## Academic Projects

Spring 2019	<b>Threads &amp; Synchronization in Java Concurrent &amp; Socket Programming Distributed Computing &amp; Systems Pattern &amp; Model Discovery Data Mining &amp; Warehousing</b>
Fall 2018	<b>Big Data Algorithms-Data Structures Facial-Voice Recognition Systems RSA Encryption-Decryption Image Processing Algorithms Customized Command Line Interpreter</b>
Spring 2018	<b>Web Scavenger Hunt &amp; Crawlers CPU Scheduling Bank Semaphore Simulation Normalizing NYC Dog Registration DB</b>