

Experience

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| Present | Full Stack Engineer Mphasis |
| | • 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 | Full Stack Engineer SNV |
| | • 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 | Full Stack Engineer BotFactory Inc |
| | • 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 | Software Engineer & Scrum Master MeDefine |
| | • 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 | Intern (Software Engineering) Neuromatters LLC |
| | • 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 | Intern (Software & Hardware Engineering) BotFactory Inc |
| | • 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

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| 2019 | Queens College, CUNY, Bachelor in Computer Science 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 | Laguardia C. College, CUNY, Associate in Electrical Engineering |

Scholarships & Awards

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

Skills

Web Dev & DBMS

JavaScript, HTML5, CSS3, D3, React, Redux, Angular, NodeJS, ExpressJS, Java, Spring, AWS, Hibernate, Apache Tomcat, Bootstrap, JDBC, Heroku, GoogleCloud, MaterializeCSS, MySQL, MongoDB, Oracle, Lodash, Jest, Mocha, JUnit

Tools

Git, GitHub, NPM, Babel, ERDiagram, UML, Command Line Tools, OpenGL, Odoo, Stripe, PassportJS, OAuth2.0, SendGrid, APIs

Knowledge

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

Data & ML

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

Team

Agile Methodology, Scrum, Kanban, Project Management

VR & Game Dev

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

Academic Projects

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