

EDUCATION

Ramapo College of New Jersey

Major in Computer Science and minor in Mathematics, Major GPA: 3.72/4.0

Mahwah, New Jersey
May 2017

TECHNOLOGY SUMMARY

Proficient: Java, C++, Python, JavaScript, Angular, VueJS, Java Springboot, LESS, Node.js, ExpressJS, SQL, MongoDB, Android, Angular

Familiar: C, Assembly Language, React, Apollo, GraphQL

TECHNICAL EXPERIENCE

Knowledge | Data Engineer/ Full Stack Developer

Warren, NJ, USA

Jun 2017 – Current

- Developed an entire web application for Clinical Feasibility Modeling tool for projecting clinical study patient recruitment rate, costs and timelines using NodeJS and VueJS.
- Developed a RESTful API to handle communication between UI, Machine Learning model, and MongoDB using Java Springboot.
- Developed an Alexa app for the Clinical Feasibility Modeling tool using Java in 2 days.
- Analyzed and decided for the progression and judging of the 99Designs competition for commercialized UI where over 150 designs by 35 designers were submitted.
- Developed a User Interface for a Proof of Concept of Global RDM and MDM solutions to demonstrate the capability of an MDM tool, EBX.

GE Healthcare | Software Engineer Intern

Milwaukee, WI, USA

Jun 2016 – Sept 2016

- Designed and developed several RESTful APIs that are used by hundreds of field engineers using Java and Springboot
- Developed integration test framework that allowed waveform verification to increase reliability, efficiency and quality assurance process throughout the system integration using Java and AngularJS
- Successfully performed Computerized System Validation (CSV) on a software tool to verify reliability and synchronicity of transfer of patient data from skin to screen

Problems - National Science Foundation (NSF) | Research Assistant

Mahwah, NJ, USA

Jan 2015 – Jan 2016

- Created a tool to track and analyze the user's errors in the software, modeling an effective feedback solution for Parsons puzzles software through the error analysis
- Developed a User Interface to integrate Parsons puzzles and improve ease of access using Java platform

Microsoft | Senior Student Partner (SSP)

Mahwah, NJ, USA

Aug 2016 – May 2017

- Host monthly technical workshops on topics such as Machine Learning, Software Development, Web Development and Internet of Things with attendance of more than 20 students
- Mentor 5 student partners from Princeton, Rutgers and Lehigh university with technological workshops and skills development

Barneys New York | MIS Intern

New York, NY, USA

Jan 2016 – May 2016

- Supported end-user requests for information access to various software and frameworks on a daily basis
- Assisted the employees to configure and troubleshoot any issues related with computer system

PROJECTS

Ava (MLH 2nd prize, Best healthcare hack) | December 2016

An android application that provides patients an effective and timely treatment by increasing accuracy of self-medication, and increasing response time and effectiveness of emergency treatment. Python, Java, Android, Twilio API, Google Vision API

Nora (hackRU winner) | October 2016

A web and android application that manages the ultimate online shopping wish list and analyzes if it is a right decision to purchase the items using Google Vision API, AWS, Twilio API and CapitalOne Nessie API. Java, Python, Android, HTML, CSS

HONORS AND AWARDS

- Presidential Scholarship & Dean's list | Ramapo College of NJ
- Mukul Joisher and Family Scholarship | Ramapo College of NJ

Sept 2013 - Present
Jan 2014

LEADERSHIP ROLES

- Google Club | Vice-President
- hackRamapo Club | Co-Founder and Treasurer

Aug 2015 – Jan 2016
Aug 2015 – May 2016