

Mit Patel

(760) 855-2640 | mitvpatel97@gmail.com | www.linkedin.com/in/mit-patel-869730148 | <https://github.com/mitvpatel97>

EDUCATION

Rutgers University, School Of Engineering

New Brunswick | 2019

Bachelor of Science: Electrical & Computer Engineering; **Bachelor of Arts:** Computer Science **GPA: 3.55**

Relevant Skills: Java, JIRA, Agile Methodology, MATLAB, Javascript, Thinkorswim, Jenkins, Python, AWS, SQL, React, Tableau, Angular, Android SDK, Selenium, SoapUI, Swift, GO, Appium

Certifications: Coursera - HTML, CSS, and Javascript for Web Development - Johns Hopkins University

EXPERIENCE

Vitech Systems Group, Inc

New York City, NY

Technical Solutions Analyst

June 2019 - present

- Utilize SQL from large datasets to pinpoint and extract test cases used for the implementation and testing of the V3 software for investment/pension clients in order to identify root causes of issues
- Collaborate with cross functional teams in an agile environment to manage product requirements for the integration and deployment of new software
- Wrote hundreds of unit tests using Mockito, a Java Testing Framework, and had 99% code and 98% branch coverage
- Implement and conduct automated testing for several V3 web pages and modules using Selenium WebDriver

Upwork Freelancer

Remote

Software Engineer

May 2019 - June 2020

- Developed & tested front-end user interfaces for clients utilizing HTML, CSS, React, NodeJs, Express, and Postgres
- Refactored and reimplemented code for several companies to improve efficiency of certain frameworks by 15%

Vidyo, Inc

Hackensack, NJ

Software Engineer in Test Intern (Vidyo Gateway)

May 2018 - Aug 2018

- Replaced all manual testing in a sprint cycle by using APIs and Bash/Python to create scripts that update and run automated test cases in TestRail
- Utilized SoapUI for functional and regression testing of various APIs which vastly improved restAPI quality on VidyoGateway
- Designed an automation system using Jenkins and numerous machines in order to continuously integrate newly developed software for VidyoGateway screen sharing platform

CODING PROJECTS

Apollo Stock Modeler

Spotswood, NJ

Data Science - Machine Learning Project

Spring 2020

- Created a program that predicts stock prices using a neural network, built using Keras (& matplotlib for graphing)
- Utilized volume-weighted average price(VWAP) and trade volume to train models to predict/plot financial values

To Do List & Tab Switcher

Spotswood, NJ

Front-end Software Engineering Project

Spring 2020

- Created a Google Chrome Extension using HTML & React JS that improves the fluidity of navigating tabs
- Implemented an improved URL bar that will switch to the tab that is searched or generate a new one
- Developed an extension that replaces the new tab page with a custom To-Do-List using React JS

Targeted Marketing with Facial Recognition

New Brunswick, NJ

ECE Capstone Project

Spring 2019

- Developed a web application that identifies & recommends items catered to the client via a self-service kiosk
- Created a tool to capture the face image of the customer and send a POST request to the Microsoft Face Recognition API to identify the user among a stored database
- Implemented a data recommender system in Python that calculates similarity scores by computing Euclidean distances from transaction frequency data

Parking Garage Mobile Application

New Brunswick, NJ

Fullstack Software Engineering Project

Spring 2019

- Developed a mobile application on Android SDK for users to reserve parking spots in nearby parking garages to reduce consumer time and traffic congestion
- Implemented AWS DynamoDB as the primary database to store user information and attributes
- Designed a RESTAPI token-based authentication system using JSON Web Token