Kush Patel

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Education

Rutgers University - New Brunswick   Piscataway, NJ
Bachelor of Science in Computer Science   May 2019

Coursework

- Data Structures; Computer Architecture; Software Methodology; Databases; Intro to Artificial Intelligence

Experience

Chubb Insurance   Whitehouse Station, NJ
Software Developer Intern   May 2018 - Aug 2018

- Researched and analyzed Apache Kafka's use as a messaging system and it's event-driven architecture
- Automated collection of 100,000 IIS logs from multiple servers with python
- Applied knowledge of pandas and numpy python libraries to clean and analyze server log data
- Used Elasticsearch and Kibana to create rich real-time data visualizations to identify network abnormalities
- Designed and developed an internal website with React.js, Node.js and Express
- Integrated the RESTful Skype API into a Flask web application to eliminate the need of skype desktop applications

iCIMS   Holmdel, NJ
Application Engineer Intern   June 2017 - Aug 2017

- Utilized Salesforces backend technologies (Apex) to develop an administration page for CRM administrator's. Currently implemented internally for 10 users
- Created Mulesoft flows to migrate over 10,000 records from Salesforce to a MySQL database
- Automated Mulesoft process flows by writing python scripts to increase administrator efficiency by 30%
- Participated in an Agile Software Development processes
- Presented product and business cases to Senior Vice Presidents

Chubb Insurance   Whitehouse Station, NJ
Salesforce Developer Intern   June 2016 - Aug 2016

- As a Salesforce Developer and Administrator, managed over 10,000 agency accounts on Chubbs Salesforce Cloud
- Increased field agent effectiveness by building Salesforce mobile application that:
- Provides sales information on mobile device thereby eliminating the need to log into office desktops
- Supplies nearby agency and associated information through interface with Google location mapping
- Integrated Googles geocoding API to geocode over a 1,000 addresses on various accounts
- Reviewed product design with architects and pitched mobile product capabilities to business owners. Iterated and improved based on product feedback

Projects

- **Itinerary.io (2018)**: Web Application that collects and displays users travel itineraries. Developed a RESTful API to extract data from database. Built with MongoDB, Express, React.js, Node.js
- **Rate My Classes (2018)**: Web Application that allows students to rate classes and multiple universities as well as view reviews by other students. Built with AWS, Python, Flask, MySQL
- **Stocks and Cryptocurrency Data Graphs (2017)**: Web Application that helps beginners learn the stock market by visualizing trends. Currently implementing machine learning algorithms to determine when to buy stocks and cryptocurrencies.
- **Photo Album Android App (2018)**: Mobile Application that allows users to store, view and share pictures from their mobile devices

Programming Skills

- **Languages**: Java; Python; Javascript; Node.js; SQL; HTML; CSS; Android

- **Technologies**: React/React-Native; Git; Flask; Express; MongoDB; MySQL; AWS(S3, EC2); Heroku; Salesforce; Pandas; Numpy; Matplotlib