

Kush Patel

<https://kushpatel97.github.io/>

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EDUCATION

- **Rutgers University - New Brunswick** Piscataway, NJ
Bachelor of Science in Computer Science Sept. 2015 – May. 2019

COURSEWORK

- Data Structures, Computer Architecture, Discrete Structures, 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 and Node.js
 - Integrated the RESTful Skype API into a web application to eliminate need of the skype desktop application
- **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 and 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:** Web Application that collects and displays users travel itineraries. Developed an API to extract data from local database. Built with MongoDB, Express, React.js, Node.js
- **Rate My Classes:** 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:** Web Application that helps beginners learn the stock market by visualizing trends. Currently implementing financial algorithms to determine when to buy stocks and cryptocurrencies.
- **Photo Album Android App:** Mobile Application that allows users to store, view and share pictures from their mobile devices

PROGRAMMING SKILLS

- **Languages:** Java, Python, Javascript, Node.js, SQL, Android
- **Technologies:** AWS, React/React-Native, Kafka, Flask, Express, MongoDB, MySQL, Heroku, Pandas, Numpy, Matplotlib