

# Kush Patel

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

Email : kushp447@gmail.com

## EDUCATION

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

## COURSEWORK

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- Data Structures, Computer Architecture, Discrete Structures I,II, Software Methodology, Databases, Intro to Artificial Intelligence

## EXPERIENCE

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- **Chubb Insurance** Whitehouse Station, NJ  
*Software Developer Intern* *May 2018 - Aug 2018*
  - Researched and analyzed Apache Kafka use as a messaging system as well as it's event driven architecture
  - Developed a real-time network monitoring tool to detect network abnormalities:
  - Automated collection of IIS logs from multiple servers
  - Cleaned logs to display necessary fields
  - Wrote Python scripts to upload log data into an Elasticsearch database as new logs were generated
  - Built a UI dashboard with Kibana to display graphs and charts to easily identify network anomalies
  - Redesigned and redeveloped a small business website using React.js and Node.js
  - Wrote a Skype API wrapper to extract user data from local servers
  - Built a web application using the Skype API and Python to allow peer-to-peer communication
- **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

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- **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

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