

# Kush Patel

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

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Old Bridge, NJ 08857

## Education

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

## COURSEWORK

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- Data Structures; Computer Architecture; Software Methodology; Databases; Intro to Artificial Intelligence; Design and Analysis of Algorithms; Systems Programming

## EXPERIENCE

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- **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 across multiple servers using python
  - Utilized pandas and numpy python libraries to clean and analyze server log data
  - Used the Elasticsearch API and Kibana to create real-time data visualizations to identify network abnormalities
  - Developed a Python based API (RESTful Web Service) using Flask to perform server-side authentication for the Skype for Business SDK
  - Integrated the API into a web application to allow users to communicate through Skype over web instead of desktop applications
  - Designed and developed an internal website with React.js, Material-UI, Node.js and Express
- **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 Life Cycle
  - 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 Chubb's 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 (2018)**: A CRUD application that collects and displays users travel itineraries. Developed a Node.js based API to extract data from a MongoDB database. Technologies used: Express.js, MongoDB, React.js, Node.js
- **Get Together Android App (2018)**: Developed a social networking application written in Kotlin that connects users to each other based on sporting interests. Data is maintained in a Firebase's Cloud Firestore.
- **Rate My Classes (2018)**: Web Application that allows students to read and write reviews for classes at Rutgers University in order to help students decide what classes to take. 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 future stock prices.

## PROGRAMMING SKILLS

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- **Languages**: Java; Python; Javascript; Node.js; Kotlin; SQL; HTML; Android
- **Technologies**: React/React-Native; Git; Flask; Express; MongoDB; MySQL; AWS(S3, EC2); Heroku; Salesforce; Pandas; Numpy; Matplotlib