

# Sagar Shah

DIGITAL EXPERT · USER-CENTRIC · ETERNAL LEARNER

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## Education

### Rutgers University Honors College - School of Engineering

NEW BRUNSWICK, NJ

B.S. COMPUTER ENGINEERING, MINORS: COMPUTER SCI., POLITICAL SCI., & CYBER SECURITY

SEPT 2016 - MAY 2020

• GPA: 3.52/4.00 | Presidential Scholar (Full Tuition and Housing) | Dean's List | IEEE Eta Kappa Nu Honors Society President

## Work Experience

### Capital One

NEW YORK, NY

ASSOCIATE PRODUCT MANAGER

AUGUST 2020 - PRESENT

- Manage sprint team & make user stories to develop a Windows 10 upgrade pipeline; deploy upgrade to all 2,200 ATMs
- Lead design thinking for a cloud ATM Content Management System that shortens UI deployments from months to minutes
- Design a "Need Help?" screen using customer call data to address 68% of the most frequent pain points right at the ATM
- Reprioritize build and deployment timeline and delegate cross-functional processes across teams to prevent a \$100M fine, expediting deployment due to cyber compliance demands by the Office of the Comptroller of the Currency

### Accenture

NEW YORK, NY

TECHNOLOGY CONSULTING ANALYST

JUNE 2019 - AUGUST 2019

- Analyzed and updated 47 QA SQL scripts for the cloud upgrade of client's revenue management system, following SDLC
- Consulted at a pharmaceutical firm, governing SharePoint, creating kickoff deck, and leading weekly client meetings
- Socialized recycling & composting guidelines with a chat-bot hosted in AWS - built during internal Hackathon in 12 hours

### Merck & Co.

KENILWORTH, NJ

EMERGING TECHNOLOGY BUSINESS ANALYST

JUNE 2018 - AUGUST 2018

- Increased users of the Innovation Room by 20+/week by redesigning the room with intuitive UX and building a kiosk app to showcase Merck's new technology; publicized improved room by hosting and leading demos of products and features
- Developed and monitored a SharePoint dashboard for an extensive digital transformation project in an Agile environment

### Rutgers University Career Services

NEW BRUNSWICK, NJ

DATA AND TECHNOLOGY ANALYST

JUNE 2017 - MAY 2019

- Provided technical support to resolve 50+ issues/week regarding Office 365, networks, printers, Web, Windows, and Mac
- Identified fraudulent employer trends with Tableau and recommended solution to eliminate 40% of student scams

## Projects

### AssetManager

LITTLE FALLS, NJ

PERSONAL FINANCE ANDROID APP

JUNE 2020 - JULY 2020

- Visualize a user's assets and budgets by consolidating their checking, brokerage, retirement, and credit accounts' data
- Implement Node.js and Express for a REST API web server, MongoDB for database, and Java for a front-end Android app

### Autonomous UAV Human Reconnaissance

NEW BRUNSWICK, NJ

SENIOR DESIGN PROJECT: SIXTH PLACE OUT OF 70

MAY 2020

- Automate a drone using Machine Learning and Computer Vision to optimally search and rescue people post disaster
- Drop a marker and first-aid resources at the site of the human, and send the GPS coordinates to first responders for rescue

### Facial Recognition Home Security Automation

NEW BRUNSWICK, NJ

SOFTWARE ENGINEERING FINAL PROJECT

MAY 2019

- Work in team to create an IoT security system that disarms alarm at sight of recognized faces, configurable through an app

### KPMG Tableau Case Competition

NEW BRUNSWICK, NJ

FIRST PLACE

APRIL 2019

- Visualize Citi Bike data with Tableau to recommend strategy to increase revenue by 7% and improve user satisfaction

## Leadership

### Engineers without Borders - Rutgers University

NEW BRUNSWICK, NJ

WEBMASTER (PREVIOUSLY: TREASURER)

SEPT 2016 - MAY 2020

- Increased AUM by 20% to \$100,000 and budgeted two trips to Guatemala and Tanzania for borehole well installations
- Led web developer meetings to create new website resulting in 350% more page views and 40% more corporate sponsors

### Engineering Governing Council

NEW BRUNSWICK, NJ

EXTERNAL VICE PRESIDENT (PREVIOUSLY: WEBMASTER)

JAN 2017 - MAY 2020

- Led product conceptualization and development of a geographically-fenced attendance and voting web app with Firebase
- Allocated \$200,000 yearly funding to 40 engineering groups and draft and review legislation for the School of Engineering

## Skills & Interests

**Languages** Python, Java, JavaScript, C, HTML, CSS, LaTeX, SQL, MATLAB **Frameworks** : Node.js, Express, Git, Bootstrap

**Tools** Tableau, Jira, Android Studio, MongoDB, AWS, Windows, Linux, MacOS, Office 365, Adobe Suite, CAD

**Interests** Travel, Photography, Cars, Fashion, Music production, Theology, Tennis, Ping Pong, Chess