

# 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. IN COMPUTER ENGINEERING, MINORS: COMPUTER SCI., POLITICAL SCI., & CRITICAL INTELLIGENCE

SEPT 2016 - MAY 2020

- GPA: 3.5/4.0 | Presidential Scholar (Full Tuition and Housing) | Dean's List | IEEE Eta Kappa Nu Honors Society President

### Passaic Valley Regional High School

LITTLE FALLS, NJ

VALEDICTORIAN

SEPT 2012 - JUNE 2016

- GPA: 4.88/4.25 | ACT: 35/36 | U.S. Marine Corps Scholastic Excellence Award | NJSIAA Scholar Athlete Award

## Work Experience

### Capital One

NEW YORK, NY

INCOMING ASSOCIATE PRODUCT MANAGER

AUGUST 2020

- Will ship new products and drive innovation that improve the experiences of customers, expand reach, and impact the bottom line

### New Jersey Global Security Operations Center Working Group

NEW BRUNSWICK, NJ

CYBER SECURITY INTERN

SEPTEMBER 2019 - MAY 2020

- Provided a 25-page deep dive on dark web security for 30+ corporations and high-level briefings on topics surfaced during meetings
- Supported administration and established a membership inventory by developing survey instruments that capture relevant data

### Accenture

NEW YORK, NY

TECHNOLOGY CONSULTING ANALYST

JUNE 2019 - AUGUST 2019

- Analyzed customs development and updated 47 SQL test scripts for the cloud upgrade of client's revenue management system in SDLC
- Consulted at a pharmaceutical firm, tasked with SharePoint governance, kickoff deck creation, and weekly client meeting leadership
- Utilized AWS to create a web-based Composting Chat Bot for environmental sustainability during an internal Hackathon in a team of 6

### Merck & Co.

KENILWORTH, NJ

EMERGING TECHNOLOGY BUSINESS ANALYST

JUNE 2018 - AUGUST 2018

- Developed, monitored, and maintained a SharePoint dashboard for an extensive digital transformation project in an Agile environment
- Transformed the Innovation Room from a closed room to a welcoming, intuitive room through UI/UX improvements and a kiosk app

### Rutgers University Career Services

NEW BRUNSWICK, NJ

DATA AND TECHNOLOGY ANALYST

JUNE 2017 - MAY 2019

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

### Ignite Social Media LLC

LITTLE FALLS, NJ

CO-FOUNDER, CFO, WEB DEVELOPER

MARCH 2016 - AUGUST 2016

- Provided digital strategy to 3 local businesses, increased social media views by 400% cross-platform and website views/month by 500

## 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 implementation trips to Guatemala and Tanzania for borehole well installations
- Led weekly web development meetings to create new website resulting in 350% more page views and 40% more corporate sponsors
- Worked in a team to convert abandoned lots to solar powered gardens and automate watering with microcomputers and Python

### 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 application with Firebase
- Allocated \$200,000 in yearly funding to 40 engineering organizations, and draft and review legislation for the School of Engineering

## Projects

### Multi-UAV Human Reconnaissance

NEW BRUNSWICK, NJ

SENIOR DESIGN PROJECT

MAY 2020

- Automate 3 drones to efficiently traverse an unknown land and use Machine Learning to locate humans lost in disaster situations
- Drop a marker and first-aid resources at the site of the human, and send the GPS coordinates to first responders to rescue them

### Facial Recognition Home Security Automation

NEW BRUNSWICK, NJ

SOFTWARE ENGINEERING FINAL PROJECT

MAY 2019

- Work in team of 10 to create an IoT security system that disarms alarm at sight of recognized faces, configurable through a mobile app

### KPMG Tableau Case Competition

NEW BRUNSWICK, NJ

FIRST PLACE

APRIL 2019

- Visualize Citi Bike user data with Tableau to recommend best strategy to generate 7% more revenue and increase user satisfaction

## Skills & Interests

<b>Skills</b>	Java, Python, C, SQL, HTML, CSS, MIPS, Tableau, MATLAB, AWS, Linux, Office 365, LaTeX	<b>Self-Taught:</b> Adobe Suite, CAD
<b>Languages</b>	Spanish (semi-proficient), Gujarati (semi-professional), Hindi (limited working ability)	
<b>Interests</b>	Travel, Photography, Cars, Fashion, Music production, Theology, Podcasts, Tennis, Ping Pong, Chess	