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

Accenture   New York, NY

Technology Consulting Analyst   June 2019 - August 2019
- Analyze customs development and update 47 SQL test scripts for the cloud upgrade of client's revenue management system in SDLC
- Consult at pharmaceutical firm by governing SharePoint, automating action items, making kickoff deck, and leading client meetings
- Utilize 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
- Provide technical support consultation to resolve 50+ issues/week regarding MS Office, networks, printers, web, Windows, and Mac
- Identify fraudulent employer trends with Tableau and recommend 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
- Increase AUM by 20% to $100,000 and budget 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
- Work 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
- Allocate $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

Skills Java, Python, C, SQL, HTML, CSS, MIPS, Tableau, MATLAB, AWS, Linux, Office 365, LaTeX **Self-Taught:** Adobe Suite, CAD

Languages Spanish (semi-proficient), Gujarati (semi-professional), Hindi (limited working ability)

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