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: 3.52/4.00 | 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

Associate Product Manager — August 2020 - Present
- Lead team of 3 engineers with Agile routines in developing a Windows 10 upgrade and pipeline; deploy upgrade to our 2,300 ATMs
- Generate stories and manage Jira board, expediting MVP creation and deployment due to cyber compliance demands by government

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

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 Office 365, 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

Projects

AssetManager — Little Falls, NJ

Personal Finance Android App — June 2020 - July 2020
- Visualize and analyze a user's assets and budgets by consolidating their checking, brokerage, retirement, and credit accounts' data
- Implement Node.js and Express to create a REST API web server, MongoDB for database storage, 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 to efficiently search an area, using Machine Learning and Computer Vision to locate lost humans from disaster events
- 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

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

Skills & Interests

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

Tools Tableau, Jira, Android Studio, MongoDB, Amazon Web Services, Windows, Linux, MacOS, Office 365, Adobe Suite, CAD

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