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, minor: Computer Sci., Political Sci., & Critical Intel. 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
- Manages sprint team & makes user stories to develop a Windows 10 upgrade pipeline; deploy upgrade to all 2,300 ATMs
- Reprioritizes build and deployment timeline and delegates 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
- Leads design thinking for a cloud ATM Content Management System, shortening UI deployments from months to seconds

Accenture New York, NY
Technology Consulting Analyst June 2019 - August 2019
- Analyzed and updated 47 SQL test scripts for the cloud upgrade of client's revenue management system in SDLC
- Consulted at a pharmaceutical firm, governing SharePoint, creating kickoff deck, and leading weekly client meetings

Merck & Co. Kenilworth, NJ
Emerging Technology Business Analyst June 2018 - August 2018
- Developed and monitored, a SharePoint dashboard for an extensive digital transformation project in an Agile environment
- Transformed the Innovation Room to an intuitive room through UX changes and an app, showcasing latest tech trends

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