

ANUJ S. PATEL

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EDUCATION

Rutgers University, School of Arts and Sciences
Bachelor of Science in Computer Science

New Brunswick, New Jersey
September 2020 - May 2024

- **Concentration:** Full-Stack Software Engineering and Intelligence
- **Relevant Coursework:** Data Structures, Computer Architecture, Design & Analysis of Computer Algorithms, Internet Technology, Principles of Programming Languages, Data Science, Software Methodology, Information & Data Management, Numerical Analysis & Computing, Discrete Structures 1 & 2

TECHNICAL EXPERIENCE

Colgate-Palmolive

Global Technology & Design Software Engineering Intern

Piscataway, New Jersey

August 2023 - January 2024

- Spearheaded a collaborative effort with a multidisciplinary team of 4 Chemical Engineers within the R&D sector to conceptualize, develop, and deploy advanced data visualization applications, resulting in a 20% increase in data interpretation efficiency and a 15% reduction in project development time
- Enhanced measurements of stand-up behavior and stringiness of toothpaste, resulting in streamlined testing processes, improved material testing, and enhanced data management using Python, software development patterns, and best practices
- Developed a desktop application for stand-up and stringiness tests, capturing and analyzing video frames to assess material characteristics (Tech Stack: Python, NumPy, PyQt5, OpenCV (cv2), pySerial, Matplotlib)

Major League Hacking

Season Launch & Data Hacker

Remote

July 2023 - August 2023

- Demonstrated proficiency in full-stack web development, mastering front-end technologies using Next.js and back-end essentials, and acquired an extensive understanding of Python programming through hands-on sessions
- Applied advanced machine learning algorithms to extract actionable insights from complex datasets using Google Sheets and excelled in real-time data visualization for informed decision-making
- Actively engaged with emerging technologies, including Internet of Things (IoT) for IoT development and Artificial Intelligence (AI) utilizing AI tools, broadening my skill set and industry knowledge

Blueprint

User Interface & Experience Fellow

New Brunswick, New Jersey

October 2022 - December 2022

- Streamlined the Spotify app experience by redesigning key pages, creating a new stats page, and ensuring seamless navigation
- Propelled a dynamic team of 3 to elevate productivity by 22.2% through innovative collaboration tactics
- Revamped Spotify's app design and functionality leveraging Figma, resulting in improved user experience and increased engagement with optimized navigation, interactive effects, and captivating visuals

PROJECT EXPERIENCE

Equitable Stock Portfolio | *Python, Pandas, IEX Cloud API, Git*

- Developed a user-friendly automated system for optimizing stock portfolios using real-time financial data, ensuring each company is assigned the same weight for a balanced and diversified investment approach
- Implemented efficient batch API calls to the IEX Cloud API, minimizing latency by 99% and significantly improving the speed of data retrieval for S&P 500 stock information
- Engineered a robust solution for exporting optimized portfolio data to an Excel spreadsheet, enhancing readability

IT Services Tracker | *Next.js, Tailwind CSS, MongoDB, NextAuth.js, Git*

- Developed a powerful web application enabling seamless ticket tracking for individuals, featuring CRUD functionalities for tickets and API routes to handle backend logic to enhance the overall performance of the application
- Pioneered the implementation of a comprehensive and secure role-based authentication system using NextAuth.js
- Engineered a user-friendly interface that displays a comprehensive list of tickets, including detailed information such as title, description, priority, progress, status, and creation date

Personal Website | *HTML/CSS, JavaScript, AWS S3, AWS CloudFront, AWS Route 53, AWS Certificate Manager*

- Meticulously designed my portfolio to reflect a blend of creativity and technical proficiency, showcasing skills, projects, interests, and experiences in a visually appealing manner
- Demonstrated a strong focus on user experience by implementing a responsive design using frontend technologies
- Orchestrated the deployment of my dynamic personal portfolio website using a robust AWS infrastructure

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, Swift (iOS), C, C++, R, SQL, HTML/CSS, JavaScript
- **Software & Programs:** Microsoft Office, Google Suite, Figma, VS Code, Xcode, Matlab, Git, Bitbucket, IoT, RESTful API
- **Frameworks & Libraries:** Express.js, Next.js, React.js, Spring Boot, Flask, NumPy, Pandas
- **Cloud & Engineering:** Amazon Web Services (AWS) Cloud Quest: Cloud Practitioner
- **Databases & Visualization:** MongoDB, MySQL, Oracle, Elasticsearch, Perspective
- **Professional Skills:** Project Management, Team Leadership, Communication, Self-Discipline, Collaboration, SDLC, Agile

CERTIFICATIONS

- Python for Data Science, AI & Development IBM Course on Coursera
- JPMorgan Software Engineering Virtual Experience Program on Forage

January 2024

July 2023