Shivansh Goyal

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Education

University of Arizona   *Aug 2020 - May 2024*
Degree: Bachelor of Science, Computer Science

Skills

Software- Python, Java, HTML, CSS, JavaScript, Git, Flexbox, SQL, PHP, MongoDB, Express, React, Node.js, C, NextJs, Firebase, Tensorflow, Scikit-learn

Projects

DevBook | *JavaScript, MongoDB, Node.js, HTML, CSS*   *December 2022*
- Developed a robust backend using MongoDB and express and integrated JWT for user authentication.
- Created a functional and aesthetic front-end using React and integrated it with the backend API elegantly.

Premier League Football Match Data   *July* 2023
Scraper & Predictive Analysis | *Python, scikit-learn*
- Developed a Python-based football match data scraper that gathered comprehensive statistics and match results from the Premier League, utilizing web scraping techniques and libraries such as Beautiful Soup and Scrapy.
- Conducted thorough exploratory data analysis to identify key factors influencing match outcomes, providing valuable insights for model feature selection.
- Designed and implemented a Random Forest machine learning model for predictive analysis of future football matches, achieving 65% predictive accuracy.

QuickLink | *AWS, HTML, JavaScript*   *December 2021*
- Built imgur clone that allows people to upload an image and receive a link to that image
- Used AWS S3 to store images securely using a pre signed url

Work History

Taylor Northcott Aesthetics - FullStack Web Developer   *June 2023 - Present*
- Developed a visually appealing and responsive full stack website for Taylor Northcott Aesthetics, utilizing modern web technologies to enhance user experience and engagement.
- Implemented the frontend using React.js and Tailwind CSS, creating a seamless and intuitive interface for users to interact with the platform.
- Leveraged Google Firebase for the backend, incorporating real-time database capabilities and user authentication to enhance the website's functionality and interactivity.
- Collaborated closely with the design team to bring their vision to life, translating UI/UX designs into functional and aesthetically pleasing features.

Computer Science Tutor   *September 2022 - Present*
- Guiding students through tough and abstract computer science problems using interpersonal skills
- Fostering a friendly and welcoming environment for the students that allowed them to feel safe and understood.