Shaswat Shukla

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EDUCATION

University of New Mexico | Bachelor of Science in Computer Science — Expected – Dec. 2022
- GPA: 3.97/4.0
- Minor in Mathematics

EXPERIENCE

Front End Developer Intern — Sept. 2022 – Present
Second Judicial District Attorney's Office | Albuquerque, NM
- **Developing** a **web application** to streamline and digitalize the procurement and requisition process of paper forms
- **Creating** a dashboard for users to access all the required documents in one workspace
- Technologies used: **React, Bootswatch, PostgreSQL**

Research Intern — Aug. 2022 – Aug. 2022
Stanford University | Palo Alto, CA
- Project – Vision Based Navigation in TurtleBots
- **Collaborated** in a team of **3** to create a Convolutional Neural Network (**CNN**) **model** with an **accuracy** of **80%** to detect static obstacles in the path of the robot
- Technologies used: **Python**, **TensorFlow**, **Keras**, **ROS, Linux**

Summer Intern — May 2022 – July 2022
Purdue University | West Lafayette, IN
- Project – Form + Function 4-D Printing
- **Created** CAD model of an **IoT** based "smart" bicycle crank using **Autodesk Fusion 360**
- **Developed** a single page application (**SPA**) to display the resistance change in the bicycle crank using **HTML**, **CSS** and Vanilla **JavaScript**

PROJECTS

Personal Website — Aug. 2022 – Sept. 2022
- Created a **responsive** personal website using **HTML**, **CSS** and **React** to highlight my education, skillset, and experience
- Used various **AWS** services like Lambda, API Gateway, CI/CD pipeline to deploy and manage the website

Weather Forecast Website — Sept. 2022 – Oct. 2022
- Created a weather forecast website using **HTML, CSS** and **React** to get live weather conditions of a city and upcoming weather forecasts for the next 5 days
- Used a **REST API** to fetch weather data and displayed it onto a dynamic **UI** that allows users to see the weather either in °C or °F

TECHNICAL SKILLS

Programming – HTML, CSS, JavaScript, Python, Java

Frameworks/Libraries – React, Node.js, Flask, Material UI, Sass, Bootstrap, Materialize CSS

Developer Tools/Technologies – Git, AWS, REST API, VS Code, Linux