Pallavi Gupta

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EXPERIENCE

Amazon, Seattle — *Software Development Engineer Intern*

JUNE 2022 - SEPTEMBER 2022

♦ **Developed** an automated pipeline for **120+ jobs** to maintain production data consistency for teams like Audible, Shopping, and Prime.

♦ **Impacted** SDET workflow by reducing manual labor by **18%**

♦ **Communicated** the usage and maintenance of the automated pipeline through comprehensive documents.

♦ **Explored** and **gained proficiency** in AWS SNS and SQS services as potential tools for the automated pipeline

RedSeal, San Jose — *SDE Intern*

AUGUST 2021 - NOVEMBER 2021

♦ **Migrated** RedSeal Adaptive Response App to ensure compatibility with Splunk using Python.

♦ **Facilitated** research with teammates using customer data to assess relevance and scope of product.

PROJECTS

Computer Vision Animation — *FullStack Developer*

JANUARY 2022 - MARCH 2022

♦ **Explored** OpenCV Pose Detection and Hand Detection to replicate human poses in Autodesk Maya

ASL: Accessible Smart Linguist — *PennApps XXI*

SEPTEMBER 2020

♦ **Facilitated Teamwork** in developing web-based application that detects ASL using neural networks, autocorrect, and autocomplete features.

♦ **Displayed time management** to deliver project goals in a 24 hour time constraint.

Veggie Buddie — *HackDavis*

JANUARY 2020

♦ **Developed** a mobile app using Flutter, Google Cloud Platform, image and image-to-text recognition with a team of 4.

♦ **Displayed time management** to deliver project goals in a 24 hour time constraint.

DoctorsNearMe — *FullStack Developer*

JANUARY 2019 - AUGUST 2019

♦ **React Native** to assist users in finding medical help.

♦ **Integrated** search engine technology paired with external API's to match doctors based on user preferences.

EDUCATION

University of California, Davis, Davis — *Bachelor's of Science*

AUGUST 2019 - DECEMBER 2022

Major: COMPUTER SCIENCE
Minor: STATISTICS

SKILLS AND INTERESTS

♦ **Programming Languages:** C, C++, C#, Java, Javascript, MATLAB, Python, and SQL.

♦ **Technical Skills:** AWS, React Native, Flutter, Google Cloud Platform, Autodesk Maya, Unity

AWARDS

♦ **Deans' Honor List, Fall Quarter 2020**

♦ **Awarded** *Best Use of Wolfram Technologies* for innovative application of technology for ASL.

♦ **Honourable Mention** in *Google Solution Challenge 2020* for Veggie Buddie.

LANGUAGES

♦ Native English, Native Hindi, Intermediate Spanish.

PERSONAL PUBLICATIONS

Twitter Sentiments Analysis using a Classification Algorithm — *Analytics Vidhya*

SEPTEMBER 2020

♦ **Explored** OpenCV Pose Detection and Hand Detection to replicate human poses in Autodesk Maya

♦ **Analyzed** Twitter's keyword sentiments using NLP and Tensorflow.

♦ **Documented** code and process on Medium to **encourage** further research.