SIYA SONPATKI

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SUMMARY

Pursuing an Honors Bachelor's in Computer Science, at Oregon State University, with a focus in A.I. and minors in Spanish and Mathematics. Skilled in Python, Java, and SQL, with experience in machine learning algorithms, database management, and web development. A dedicated problem-solver with internship and leadership experience, efficient in collaborative and dynamic environments, and passionate about leveraging A.I. and software development to create innovative and impactful projects.

EDUCATION

Oregon State University, Corvallis, Oregon   June 2026
- *Honors BS in Computer Science, Specialization in Artificial Intelligence, Minors in Spanish and Mathematics*
- *Awards: OSU Academic Honor Roll, Drucilla Shephard Smith Scholastic Award, OSU College of Engineering Dean's Honors List, Finley Academic Scholarship, International Baccalaureate Scholarship*

The International School of Beaverton, Aloha, Oregon   June 2022
- *Completed the International Baccalaureate (IB) Diploma Programme*

TECHNICAL SKILLS

- *Languages:* Python, Java, JavaScript C, C++, PHP, SQL, HTML, CSS, Assembly
- *Tools:* Git, GitHub, Visual Studio, Visual Studio Code, Arduino, Netlify, GitHub Pages, Figma
- *Databases:* PHP, MySQL, MongoDB
- *Inter Process Communication and Frameworks:* ZeroMQ, HTTP, File I/O, Flask, Express

PROJECTS & RELEVANT COURSES

Sentiment Analysis Program, Introduction to A.I. | *Python, Naïve Bayes Classifier*
- Implemented program to classify Yelp reviews as positive or negative using a Naïve Bayes classifier, achieved over 90% accuracy on the training set and evaluated performance
- Pre-processed data by stripping punctuation and creating a vocabulary feature vector, then trained classifier for dataset using Dirichlet priors and probability calculations

Event Planner, Introduction to Databases | *Python, Jinja, Flask, MySQL, jQuery, HTTP*
- Developed a web-hosted, event management system using Python, Flask, and MySQL to implement CRUD functionalities for managing entities and intersection tables
- Designed and managed M:N relationships, developed drop-downs for foreign key selection, and ensured data integrity with CRUD functionality

'My Bucket List' Web Application, Software Engineering I | *Python, JavaScript, MongoDB, ZeroMQ, HTTP*
- Built a microservices-based web application using Python, JavaScript, MongoDB, and ZeroMQ
- Designed user creation and authentication, search, and CRUD features, integrating a teammate's microservice

EXPERIENCE

Oregon State University, *Academic Tutor,* Corvallis, Oregon   Sept. 2023-24
- Provided personalized tutoring across a range of undergraduate courses, tailoring teaching methods to individual learning styles, and facilitated effective communication with supervisors and advisors, ensuring seamless coordination

Dell Corporation, *Engineering Intern,* Austin, Texas (remote)   June–Sept. 2023
- Contributed to projects, including updating and converting code, and creating a content-security-policy for CSP website
- Utilized tools — Zoom, Jira, and Microsoft Teams, to ensure efficient progress while contributing to team operation through software development best practices

Starbucks Corporation, *Partner,* Portland, Oregon   August 2021-22
- Developed interpersonal, communication, and active learning skills, while fostering a collaborative team environment and addressing challenges in real-time