SIYA SONPATKI

Portland, Oregon

503-381-8739 | siyasonpatki2@gmail.com | www.linkedin.com/in/siya-sonpatki | https://github.com/ssonpatki | https://siya-sonpatki-portfolio.netlify.app/

EDUCATION

Bachelors of Science, Oregon State University, Corvallis, OR   September 2026
Honors Bachelors of Science in Computer Science with Concentration in A.I.
Minor in Mathematics
Minor in Spanish

IB Diploma, The International School of Beaverton, Aloha, Oregon   September 2022
Completed the International Baccalaureate (IB) Diploma Programme with a 4.2 GPA

WORK EXPERIENCE

Partner, Starbucks Corporation, Portland, OR   Aug. 2021 - Aug. 2021
- **Developed interpersonal skills** , **communication** , and **active learning** as a Starbucks barista
- Provided **mentorship** during development of new team members and **addressed challenges in real-time** during daily operations

Engineering Intern, Dell Corporation, Portland, OR (remote)   Jun. 2023 - Jun. 2023
- Asynchronously worked on various projects, including website updates and code language conversion
- Contributed to operation of team by collaborating through various **communication** and **task tracking software**, including Zoom, Jira, and Microsoft Teams
- Collaborated with senior developers to contribute to creation and implementation of a content-security-policy for a CSG website using Golang

Academic Tutor, Oregon State University ASA, Corvallis, OR   Sep. 2023 - Sep. 2023
- Provided personalized tutoring across a range of undergraduate courses
- Tailored teaching methods to individual learning styles to improve student understanding, while monitoring student progress
- Facilitated effective communication with supervisors and advisors regarding student success and personal availability, ensuring seamless coordination and contributing to efficient office management

---

TECHNICAL SKILLS

Languages
- Proficient: Python, JavaScript, HTML, CSS, C++
- Familiar: Goland, Java

Interprocess Communication (IPC) & Networking
- ZeroMQ, HTTP, File I/O

Version Control & Hosting
- Version Control: Git, GitHub
- Hosting Platforms: Netlify, GitHub Pages

Database Management
- MongoDB

Integrated Data Environments (IDEs)

- Visual Studio, Visual Studio Code, Arduino, RStudio

Web Development
- Frontend: HTML, CSS, JavaScript
- Backend: Python, JavaScript, MongoDB
- Tools & Frameworks: Netlify, ZeroMQ, GitHub, GitPages

Game Development
- CLI Game Development in C++

Embedded Systems and IoT
- Adafruit Circuit Playground Express - LED animations, sensor-based applications, home automation concepts

Certifications and Courses
- From LinkedIn Learning and PluralSight: C++ Programming, Entrepreneurship Foundations, Git Fundamentals, Go Fundamentals, Programming in Java 11, Cross-site Scripting with Content Security Policy 2

PROJECTS

- Research, design, and development a portfolio website using **HTML**, **CSS**, **GitHub** for version control, and **Netlify** for hosting
- **Frontend and backend** development for **microservices architecture** application, utilizing ZeroMQ and HTTP communication pipelines with **MongoDB** database - coordinated with team members to conceptualize, develop, and integrate microservices into main application
- Frontend and backend development for a website using HTML, CSS, and **JavaScript,** utilizing web development course curriculum
- Interactive Projects with **Adafruit Circuit Playground Express** and **C++**, including interactive games with LED animations, sensor-based applications, and Home Automation Concepts
- **Content-security-policy development** in **Golang** for Dell Corporation CSG website
- Development of **CLI** Video game in C++

VOLUNTEER EXPERIENCE

- **Designed** and **led** Spanish speaking after-school classes (2024)
- **Organized** and **led** projects and events for multiple Honor Societies (2018, 2021-2022)
- **Communicated** across teams, **managed** projects for school clubs (2018-2021)
- **Developed marketing campaigns** to promote school clubs (2018-2022)

ACHIEVEMENTS AND AWARDS

Oregon State University Academic Honor Roll (Fall 2022-Spring 2024)
International Baccalaureate (IB) Scholarship (2022-2026)
Finley Academic Scholarship (2022-2026)
Drucilla Shepard Smith Scholastic Award (2023)
Honors College Differential Scholarship (2023-2025)

LANGUAGES

Spanish (intermediate)