Jiwon Park

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EDUCATION

The University of Maryland, College Park | College Park, MD   **Expected May 2025**
Bachelor of Science in **Computer Science** | **Minor** in **General Business** | **GPA:** 3.83 / 4.0

The Oregon State University | Corvallis, OR   **Jan 2020 - Jun 2022**
Computer Science | **GPA:** 3.93 / 4.0

Coursework | Design & Analysis of Computer Algorithms, Advanced Data Structures, Database Design, Computer & Network Security, Computer Systems, Object-Oriented Programming, Programming Handheld Systems**,** Organization of Programming Languages, Web Development, Applied Probability & Statistics, General Physics With Calculus (I, II, III), Linear Algebra

EXPERIENCE

Software Engineer Intern | **Sensable Inc (Startup)** | College Park, MD   **Jun 2024 - Apr 2025**
- Led the design and implementation of scalable software products alongside founders, shaping product strategy and influencing feature prioritization in a fast-paced health tech startup.
- Collaborated with a cross-functional team to develop a mobile app using React Native and AWS services, leveraging real-time health monitoring and actionable feedback features across web, mobile, and wearable devices.
- Pivoted to integrate multiple AI platforms with customized features based on user preferences for cost and model type.

Undergraduate Research Assistant | **Social Learning and Decisions Lab** | College Park, MD   **Feb - Sep 2024**
- Contributed to designing a delay discounting experiment with JavaScript to gamify and enhance user engagement.
- Analyzed reinforcement learning in human decision-making with monetary rewards using Python and Qualtrics surveys.

Undergraduate Research Assistant | **Maryland Neuroimaging Center** | College Park, MD   **Oct 2023 - Feb 2024**
- Assisted in developing a MATLAB algorithm with 160,000+ iterations to generate orthogonalized word lists for fMRI research on brain processes in reading, minimizing feature correlations for Representational Similarity Analysis.

PROJECTS

Personal Portfolio Website | **Personal Project** | College Park, MD   **Jan 2025**
- Designed and launched a personal portfolio from scratch using HTML5, CSS3, JavaScript, and Figma to showcase projects.
- Integrated a contact form using the Web3Forms API for email messaging and deployed the site via Cloudflare Pages.

Applied Web Application Security | **Computer and Network Security Course Project** | College Park, MD   **Sep 2024**
- Created a series of vulnerable web applications using Docker (PHP, MySQL) to simulate web attacks including SQL Injection, XSS, CSRF, and Clickjacking for hands-on security practice.
- Exploited security flaws by injecting SQL queries, manipulating user data, and crafting XSS payloads to understand real-world attack vectors and improve security practices.

Goal Tracker App | **Programming Handheld Systems Course Project** | College Park, MD   **Jun - Jul 2024**
- Developed a goal-tracking app for Android with three team members, incorporating Kotlin, Firebase, and Google Services.
- Built a calendar interface that enhanced goal-tracking with intuitive progress management features.

UMD Community Bulletin Board | **Bitcamp Hackathon** | College Park, MD   **Apr 2024**
- Implemented a bulletin board web app for University of Maryland students to post and browse announcements across clubs, departments, and sales categories.
- Configured the back-end using Flask, MongoDB, and Docker on AWS EC2, utilizing PropelAuth for secure user authentication and search filters for posts.

SKILLS

Languages | Python, JavaScript, SQL, C, C++, PHP, Java, Rust, **Web Development** | React, Node.js, Express.js, HTML5/CSS, Tailwind CSS, **Mobile App Development** | React Native, TypeScript, Flutter, Kotlin, **Cloud & DevOps** | AWS, Docker, **Version Control & Collaboration** | Git, GitHub, GitLab, **Database Management** | MySQL, PostgreSQL, DynamoDB, MongoDB, **Data Science & Data Visualization** | Pandas, NumPy, Matplotlib, Seaborn, R, MATLAB, Excel, Tableau, **Operating Systems** | MacOS, Windows, Linux, **UI/UX** | Figma, **IDEs** | VS Code, Android Studio, Eclipse,

LEADERSHIP & COMMUNITY INVOLVEMENT

International Orientation Leader | **International Student Organization** | College Park, MD   **Aug 2023, Aug 2024, Jan 2025**
- Led campus tours for a group of 30 international students and organized events for the international community.