

# James M. Smith

(503) 713-8776 | [james.smith.tig@gmail.com](mailto:james.smith.tig@gmail.com) | [linkedin.com/in/james-m-smith1/](https://www.linkedin.com/in/james-m-smith1/) | [github.com/gitJamoo](https://github.com/gitJamoo) | [j-m-s.dev](https://j-m-s.dev) | US Citizen

## Education

### Oregon State University

September 2022 – June 2026

*BS in Computer Science (Focus: Machine Learning & AI), Minor in Cybersecurity*

*Corvallis, OR*

- **Relevant Coursework:** Machine Learning, Deep Learning, Data Mining, Artificial Intelligence, Analysis of Algorithms, Data Structures, Operating Systems, Mathematical Statistics, Database Management, Software Engineering
- **NCAA D1 Student Athlete:** Managed full academic responsibilities alongside year-round training and competition.

## Experience

### Artificial Intelligence Intern

October 2025 – Current

*BVR ST CO*

*Corvallis, OR*

- Developed core components of an agentic framework, utilizing Nemotron for low-latency, local reasoning & implementing Low-Rank Adaptation (LoRA) to enable efficient, reinforcement-based learning from verified real-time game outcomes

### Artificial Intelligence Advisor

August 2025 – Current

*Oregon State University*

*Corvallis, OR*

- Integrated Google's A2A protocol to enhance interoperability and scalability of AI systems
- Authored training materials and best practices on Agentic AI development, LLM integration, and cloud-based development for Agentic systems, increasing AI proficiency, literacy, and adoption allowing better alignment on University goals

### Co-Founder & Full-Stack Developer

September 2023 – Current

*Envolvly*

*Remote*

- Orchestrated end-to-end development of a full-stack MERN (MongoDB, Express.js, React, Node.js) user marketplace application, implementing secure user authentication with Auth0 & complete payment system
- Integrated Stripe Connect to build a comprehensive payment & payout system, handling everything from user payments for services to creator payouts, ensuring secure & reliable financial transactions
- Handled system implementation to scale to 100+ users, watching product grow from 0 → 1

### Machine Learning Intern

June 2025 – August 2025

*The Estée Lauder Companies*

*New York City, NY*

- Developed an Agentic AI workflow to create an AI chatbot for analysis on 12,000 Live SKUs
- Generated documentation, tooling, and architecture diagrams to enable long-term support after project handoff
- Created & deployed Microservice to pull from 30+ databases, normalizing data & creating a SQLite reverse search index
- Contributed to customer-facing chatbot expected to gross \$1,500,000 in revenue

### Programmer & Technical Analyst Intern

June 2024 – August 2024

*NJ Transit*

*Newark, NJ*

- Achieved 85% code coverage through 200+ tests across 18 suites using Jest and Gherkin
- Deployed CI/CD Azure pipelines, integrating automated tests to ensure reliable software delivery
- Analyzed 127 .NET projects, automating the screening and auditing with Python & Pandas to build detailed documentation on projects APIs, databases, libraries, plugins, errors, & security vulnerabilities

### Software Engineering Intern

June 2022 – August 2022

*Hats & Ladders*

*New York, NY*

- Created management panel that was used by 200,000+ unique users across 200+ organizations
- Drafted, developed, & documented a company-wide administration user control panel
- Practiced SCRUM & Agile methodologies on a diverse team, across multiple time zones, working asynchronously

## Projects

### GENESIS AI Hub | *React.js, FastAPI, A2A, GCP, Technical Writing*

September 2025 - Present

- Engineered a scalable, full-stack AI Agent Hub utilizing React & an Express REST API to provide centralized registration & monitoring for decentralized AI services
- Implemented the A2A protocol to enable dynamic, secure registration & seamless cross-agent communication

### StuntCV | *Python, Computer Vision (CV), MediaPipe, NumPy*

March 2024 - June 2024

- Tracks 30+ landmarks on each performer, allowing data to be exported to .csv for viewing in a 3D space
- Calculates stunt shakiness, velocity, weak points & more providing detailed information via proprietary algorithms

## Technical Skills

**Languages:** TypeScript, Python, C++, C, SQL, SQLite, JavaScript, PowerShell, Bash

**AI/ML:** Nemotron, LoRA, MediaPipe, Agentic Frameworks, A2A, Pandas, NumPy, Matplotlib

**Frameworks/Tools:** React, FastAPI, Node.js, Next.js, .NET, Django, Spring Boot, MongoDB, PostgreSQL

**Cloud/DevOps:** GCP, AWS, Azure, CI/CD (GitHub Actions/Jenkins), Git, Docker