

Arya Gummadi

(425) 979-1562 | agummadi@cs.uw.edu | [linkedin.com/in/arya-gummadi](https://www.linkedin.com/in/arya-gummadi) | github.com/bulkypanda

EDUCATION

University of Washington

Seattle, WA

B.S. Computer Science | **GPA: 3.91** | *Microsoft Endowed Merit Scholar*

June 2026

Coursework: Computer Security, Hardware/Software Interface, Artificial Intelligence, Systems Programming, Data Structures & Parallelism, Algorithms, System and Software Tools, Discrete Mathematics, Statistics, Software Design & Implementation, Machine Learning

EXPERIENCE

Amazon

Sep 2025 – Dec 2025

Jr. Software Development Engineer

Seattle, WA

- Incoming Fall 2025 - Kindle Unlimited

Google

Jun 2025 – Sep 2025

Software Engineer Intern

Sunnyvale, CA

- Incoming Summer 2025 - Gemini For Enterprise

DubHacks Next

Jan 2025 – May 2025

Entrepreneur in Residence - Batch 4

Seattle, WA

- Building Triage, an AI-powered intelligent damage assessment & risk analysis tool for emergency teams and civilians
- Project placed **first out of 1000+ participants** at DubHacks '24, the largest hackathon in the Pacific Northwest
- Using Meta AI SAM 2, U-Net Convolutional Neural Network, AWS CloudFormation, Perplexity AI, Flask, Next.js

Control & Trustworthy Robotics Lab

Jan 2024 – Dec 2024

Undergraduate Researcher

Seattle, WA

- Lead researcher specializing in ML-based techniques for translating Natural Language to Domain-Specific Languages
- Applied hybrid optimizations to Phi & LLaMA models with PyTorch on domain-specific data for NL to DSL
- Created a real-time visual interface to aid firefighters and map escape-plan algorithm using a fire-prediction model

WatchGuard Technologies

Jul 2024 – Oct 2024

Software Engineer Intern

Seattle, WA

- Built internal tools with Flask, Angular, and MySQL to deploy beta features, supporting **250,000+ customers**
- Improved CI/CD, **reducing downtime by 30%** and optimizing deployments with Jenkins and AWS EC2

PROJECTS

Arborist | *Next.js, FastAPI, HTML/CSS, TypeScript, SQL, Git, GitHub DevOps*

Jun 2024 – Aug 2024

- **First-ever** code analysis platform that provides file context, AI tools, and visualizations to enhance programming
- Developed a full-stack web application using Next.js & Enabled GitHub repository integration using user feedback
- Designed a waitlist system using FastAPI and enabled syncing user's data between devices using WebRTC and PeerJS

BingChatAnywhere | *HTML/CSS, JavaScript, Chromium, Git*

April 2023

- Built a browser extension for free Bing Chat GPT-4 access on unsupported browsers, **attracting 200+ users**
- Microsoft eventually expanded Bing Chat to all browsers due to the rise in popularity and use of such extensions

AntiSwearBot | *Python, SQL, Git, REST API*

Jul 2020 – Sep 2020

- Launched a Discord bot that prevents swearing or inappropriate content within Discord servers using discord.py
- Used by **10,000+ users across 600+ servers** to make online conversations safer and officially verified by Discord

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL, JavaScript, HTML/CSS, Assembly

Frameworks: React, Next.js, Angular, Flask, FastAPI, Django, Selenium, Flutter, JUnit

Developer Tools: Git, Docker, Jenkins, Jira, Postman, Google Cloud Platform, Microsoft Azure, Amazon Web Services

Concepts: Machine Learning, Augmented Reality, Human-Computer Interaction, Data Science, Data Analysis, Software Engineering, Web Frameworks, Databases, Full stack, Frontend, Backend, Cloud Computing, Cybersecurity, Robotics, Parallel Programming, Virtual Memory, Multithreading, REST API, Statistics, Probability, Natural Language Processing