Arya Gummadi

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EDUCATION

University of Washington   Seattle, WA
B.S. Major: Computer Science | Minor: Informatics | *GPA: 3.93*   September 2023 - June 2026
Dean's List: Autumn 2023, Winter 2024
Relevant Coursework: Introduction to Computer Programming III, Foundations of Computing I & II, The Hardware/Software Interface, Data Structures and Parallelism, System and Software Tools, Guided Research

EXPERIENCE

Control & Trustworthy Robotics Lab   Seattle, WA
Undergraduate Researcher   January 2024 - Present

- Building a visual tablet interface to aid the firefighting teams and enhance situational awareness
- Pipeline provides real-time fire mapping and potential escape route paths
- Working with ROS and UAS to integrate cost map built by thermal cameras with satellite imagery

Sensoria Health Inc.   Redmond, WA
Software Engineer Intern   August 2022 - June 2023

- Documented over 10 products and built a website for the documentation
- Developed a responsive web interface for sensor-based health monitoring

Lucaneo LLC
Software Developer   June 2022 - January 2023

- Built software for automated price arbitrage of consumer electronics using REST APIs
- Automated the sourcing, shipping, and returns of store inventory using Python and Selenium
- Enhanced the ability to place orders and track shipments by over 10x

Bond Intelligence - Fintech Startup Incubated at University of Washington   Seattle, WA
Software Engineer Intern   April 2022 - October 2022

- Used Machine Learning to improve prediction models
- Revamped the React.js backend using Looker & DAML to improve and recreated OpenEXA website
- Interviewed, managed and led the start of the ERC 20 Token Minting Project with over 20 newer interns

PROJECTS

BingChatAnywhere
https://chrome.google.com/webstore/detail/bingchatanywhere/pgmomcbgjgohbiagkkkcmhflipkllggi
A browser extension to access GPT-4 at no cost on unsupported browsers.

AntiSwearBot   https://top.gg/bot/733492609074593882
An officially approved Discord bot that prevents swearing or inappropriate content within Discord used to make online conversations safer and inclusive by over 10,000 users across 600 servers.

Unexplify   https://unexpl1fy.herokuapp.com/
A website that creates a family-friendly (expletives removed) version of the selected Spotify playlist using Spotify API.

Computer Security
Programmed a Wacatac.H!ml Trojan to understand computer security and fortify my Linux installation.

Gistbin   https://g1stbin.herokuapp.com
A website that allows anyone to type a note and share the note with others without the overhead of account creation or a dozen other configuration settings.

Randy   https://top.gg/bot/696185454759903264
Multi-purpose bot discord bot that was officially verified by discord used in over 200 servers.

GeForce Now Web   https://github.com/bulkypanda/GeForce-Now-Web
A web browser plug-in to experience NVIDIA GPU based acceleration while playing games.

SKILLS

Programming Languages: Python, Java, C, JavaScript, SQL
Frameworks/Tools: Django, Flask, Selenium, HTML, CSS, Azure, REST APIs, Git, MongoDB, Heroku