

Ayush Garg

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EDUCATION

University of Richmond, Richmond, VA

May 2026

Bachelor of Science in Computer Science; Minor in Mathematics and Business Administration.

Cumulative GPA: 3.97/4.00

- **Honors:** Richmond Scholar award (Meritorious full ride offered to 25 incoming students), Dean's A-list (All semesters)
- **Relevant courses:** Algorithms, Business Statistics, Advanced Linear Algebra, Computer Organization

EXPERIENCE

AnswerThis.io, Richmond, Virginia

Dec 2023 – Present

Founder, Lead Engineer

- Built AnswerThis.io, bootstrapped, generating \$8,000+ MRR with 20,000+ users, AI assistant for academic research
- Designed proprietary real-time paper analysis technology, leveraging custom Gen AI pipeline competitive with GPT-O1
- Led all development, from features like AI citations to growth strategies that scaled the platform to a global user base

HohoKus Inc., Richmond, Virginia

Dec 2023 – Present

Software Engineering Intern

- Develop an ERP application in Flask + Postgres and redesign the company databases saving over 24 hours every week
- Engineer scripts to automate key aspects of the manufacturing workflow, yielding a 20% reduction in manual labor
- Research a shape recognition model for aerospace parts, enhancing identification accuracy and manufacturing efficiency

Grounded Natural Language Processing Lab, University of Richmond, Virginia

January 2023 – Present

Research Assistant

- Research grounded NLP to translate human instructions into computer-executable commands to simulate video games
- Develop a deep understanding of machine learning and its domains under the guidance of Dr. Catherine Finegan-Dollak
- Prepare a literature review paper and propose a neural network architecture with a greater accuracy than current models

Lion Befrienders, Singapore, Singapore

September 2021 – March 2022

Technology Intern

- Developed a client-side chatbot in JavaScript that can be easily injected into a webpage, reducing support costs by 300%
- Led the development of a gamified scam simulator with video courses, sensitizing 200+ elderly in Singapore
- Collaborated with the team to pitch a presentation to President of Singapore, Halimah Yacob, at the DigitalForLife festival

Docanalysis, Remote

May 2021 – April 2022

Lead Developer

- Implemented semantic analysis of documents with Dr. Daniel Mitchen through spaCY in [a user-friendly Python package](#)
- Increased processing speed by more than 400% compared to a human, saving 10 hours for every 50 analyzed papers
- Extracted ethic statements from research papers and got research idea [published in Research Ideas and Outcomes](#)

Pygetpapers, Remote

February 2021 – December 2022

Lead Developer

- [Designed CLI](#) under Dr. Peter Murray Rust to retrieve scientific papers from repositories, used by 45000+ researchers
- Increased efficiency by 10 folds compared to manual downloads and got published in the [Journal of Open-Source Software](#)
- Designed automated workflows and testing to ensure reliability and extended support to include any open-source library

LEADERSHIP & ACTIVITIES

Deep Point Lab, Richmond, Virginia

April 2023 – Present

Co-Developer

- Conduct market and order flow analysis in \$6bn+ gaming asset marketplace and found market inefficiencies exceeding 15%
- Developed an automated investment script to buy underpriced assets, making a consistent 3%+ gross profit every 14 days

Hackathon, Multiple Locations

September 2020 – Present

Mentor and Developer

- Lead development of projects such as financial app Finlearn and mentor students on API development and login systems
- Received prestigious awards at University of Virginia, University of British Columbia, and Nanyang Technical University

SKILLS & INTERESTS

Skills: Python, JavaScript, Java, GitHub, HTML5, CSS, MySQL, CLI integration, Flask, firebase, pandas, ReactJS, VueJS, Hindi

Interests: Cooking, Public Speaking, Physical Fitness, Innovation, Valorant