

Ryan Bloch

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Education

College: University of Pittsburgh
Bachelor of Science in Computer Science - Business Minor

Expected Graduation
April 2026

Completed Coursework: University of Pittsburgh
Algorithms and Data Structures 1 & 2
Computer Organization and Assembly Language
Intermediate Programming
Discrete Structures

Additional Coursework: Udemy
Build Responsive Real World Websites with HTML5 and CSS3

Additional Coursework: College of Canyons
Javascript in Web Development

GPA: 3.72

Work Experience

Software Developer Intern: DucoExperts **May 2024 - July 2024**

- Filled the role of a full stack developer on an engineering team actively managing a web app run on “ruby on rails”
- Created both front-end and back-end features, developed tests for each new change, used metabase and sql to query the database, and collaborated with other teams outside of the engineers
- Completed two summer projects:
 - Developed a google doc addon which used gemini 3.5-flash to analyze and review employee business proposals (used JS, Google App Script language, Google Doc API, html, and css)
 - Implemented semantic search into the platform for a more accurate user search; used OpenAI Embedding model for the embeddings and postgresql to store it (applied technologies: ruby, rails, openai api, html, css, postgresql, sql)

Quality Assurance and Jr. Developer: Nimble.la **November 2021 - August 2022**

- Developed and implemented multiple front-end tests on different mobile apps
- Collaborated with a team of developers, communicated directly with multiple clients, and monitored back-end status using SQL, jQuery, and Postman

Community Service/Fundraising and Activities

Founder: GamersBeatCancer Fundraiser **2019-2022**

- Partnered with GameChanger Charity and coordinated a fundraiser that raised over \$72,000
- Featured in an Atlanta news station where I publicly spoke about the event and my journey ([Interview](#))

Founder: Game on For a Kure **2016-2018**

- Raised \$26,000 for KureIt, a non-profit organization that funds research for rare cancers
- Managed publicity and promotion through social media and printed flyers
- Planned fundraising events included a tennis tournament and a gaming tournament

Member: MMA(Mixed Martial Arts) Club, Computer Science Club, ΣAE Fraternity **2022-Present**

- Expanded my network and increased my community involvement

Honors/Awards

Hacking4Humanity: Local Hack-a-thon **2024**
Runner-up at the 2024 Hacking4Humanity hack-a-thon for creating an anti-hate Chrome extension

VENTURA BLVD. Extraordinary Teenagers: Local **2019**
Featured in a magazine that highlighted my philanthropic work ([Ventura Blvd Magazine](#))

Technical Skills

Programming Languages: Java, MIPS, Logisim, Ruby, CSS, HTML, Python, JavaScript, Google App Script, SQL
Frameworks, Databases, & Libraries: Postgresql, Ruby on Rails, React.js, Node.js, PyTorch, Bootstrap, Turbo, Stimulus
Other Tools: Docker, Homebrew, Yarn, npm, Git