

Ryan Riccio

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EDUCATION

Villanova University – B.S. Computer Science, Villanova, PA (*May 2027*)

GPA: 3.8

Relevant Coursework: Algorithms & Data Structures, Computer Systems, Principles of Database Systems (SQL), Platform-Based Computing, Organization of Programming Languages, Theory of Computation, Overview of Cybersecurity, Computer Ethics

SKILLS

Languages: Python, Java, C, JavaScript, HTML/CSS

Frameworks: React, Bootstrap, Flask

Tools: Netlify, Render, GitHub, Git

Methodologies: Agile Development, Scrum Practices, Iterative Development

Databases: Relational Database Design, PostgreSQL, SQL

PROJECTS

SmartGPA | Co-Creator (*2026*)

- Developed a full-stack GPA tracking platform using Flask, PostgreSQL, JavaScript, and HTML/CSS, enabling users to calculate and store academic performance data
- Designed relational database schema supporting multi-semester queries and secure, user-specific data retrieval
- Implemented secure authentication and session management system to protect user data
- Developed an AI-powered syllabus scanner that automatically extracts data from uploaded files

Web Portfolio | Creator (*2024*)

- Developed responsive personal website using HTML, CSS, JavaScript
- Integrated dynamic coding project showcases and live scheduling tools
- Deployed from Netlify, connected to GitHub for continuous updates

AI Legal Document Summarizer (Idea Challenge – 1st Place) | Co-Creator (*2023*)

- Collaborated with a team of 3 other students to plan, present, and build an award-winning project
 - Won 1st Place & Crowd Choice Awards at Villanova's 2023 Idea Challenge
 - Built functional prototype using React and HuggingFace APIs to generate concise, accurate summaries
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EXPERIENCE & LEADERSHIP

Lambda Chi Alpha | Member, High Kappa Chair (*2023-Present*)

- Led member onboarding program and coordinated weekly development sessions
- Organized and attended philanthropic events supporting national charities

Misquamicut Fire District | Senior Lifeguard, Captain (*2021-2025*)

- Supervised a team of 15-20 beach lifeguards, managing scheduling, training, and daily operations
- Led emergency responses and executed many high-pressure rescue protocols
- Trained new staff in CPR, water rescue, risk assessment/prevention, and beach safety procedures

Villanova University A Cappella | Web Developer, Vocal Percussionist (*2023-Present*)

- Developed and maintained an interactive website for the group including set lists, events, and ticket pages
- Coordinated rehearsals, soundchecks, and performances as a group of 10+ students
- Worked as a team to ensure quality and consistency