SEAN RILEY GEDDES

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EDUCATION

B.A. Computer Science   Graduating May 2026
University of Virginia, Charlottesville, VA   3.71 GPA
College of Arts and Sciences
Relevant coursework: Software Engineering, Data Structures and Algorithms, Computer Systems

TECHNICAL SKILLS

Languages: Python, C#, JavaScript, Java
Frameworks: .NET, MVC, Bootstrap, Next.js, React, Tailwind, HTML, CSS, jQuery, JavaFX, Flask, SQL, Selenium

PROFESSIONAL EXPERIENCE

Savannah River Mission Completion, Aiken, SC: Software Engineer Intern   May 2024 – Present
- Developed a full-stack web application deployed to over 500 users at the Savannah River Nuclear Site's Defense Waste Processing Facility.
- Demonstrated proficiency in a diverse technology stack, including .NET, C#, ASP.NET Razor, JavaScript, jQuery, Entity Framework Core, Bootstrap, and SQL Server.
- Wrote and implemented automated testing for a web application deployed to over 500 employees at the Savannah River Site using Selenium.

University of Virginia, Charlottesville, VA: Teaching Assistant, Lab Lead   August 2023 – Present
- Teaching assistant for a class size of over 400 students.
- Managed and led a lab of over 70 students and 5 teaching assistants.
- Delivered weekly 10-15 minute presentations and demos focused on Python and core programming concepts.

PROJECTS

OpenNote | www.opennote.co   Fall 2024
Developed a full-stack web application using Next.js, Tailwind CSS, React, and TypeScript
- Helped design and implement an AI-powered tool to help students generate study materials, including notes, practice tests, and quizlets, from uploaded course content.
- Enabled students to interact with OpenNote for quick assistance by creating an engaging UI that allows users to ask questions and receive real-time responses.

Course Review   Spring 2024
Developed a full-stack desktop application using JavaFX, MVC, and SQLite.
- Integrated SQLite for data storage, handling CRUD operations for users, courses, and reviews.
- Developed a course catalog with functionalities to add, update, and delete courses, as well as view course details.
- Designed an intuitive front-end interface with JavaFX, implementing interactive UI components for seamless user experience, including course search, filtering, and responsive navigation.

ACHIEVEMENTS

Awards   Spring 2022 – Present
Academic
- University of Virginia Phi Eta Sigma National Honor Society

EXTRACURRICULAR

Marathon Running   Fall 2022 – Present
Completed 2 marathons
- 3:17:16 (Richmond 2023) | 3:32:58 (Charlottesville 2023)