Luke McMeans

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Summary

Enthusiastic computer science student with a strong foundation in software development, data structures, LLM/AI prompt-engineering, and mathematics. Committed to providing detail-driven work while staying efficient and accurate. Proven history of organization, teamwork, and management both in and outside the classroom. Aspires to utilize abilities while further developing skills, learning new technologies, and gaining real-world experience, contributing to the success of a dynamic software development team.

Education

University of Virginia | Charlottesville, VA
Bachelors of Arts, Computer Science | Expected 05/2026
- Data Science Minor
- 3.56 GPA
- Dean's List Spring 2023
- Coursework: Software Engineering, Data Structures, Computer Systems, Discrete Mathematics, Linear Algebra
- Member of the Association for Computing Machinery; Graphic Designer for the Super Smash Brothers Club

Riverside High School | Leesburg, VA
Advanced Studies Diploma | 06/2022
- 4.48 GPA
- 10 AP Courses, including Computer Science A, Calculus BC, and Statistics
- 2022 AP Scholar with Distinction, 2021 AP Scholar with Honor
- Inaugural MVP for the Varsity Crew team (2022)
- 2021 Men's-Novice-8 state champion, 2022 Men's-2nd-8 silver medalist
- Dual Enrolment Courses in English Composition and U.S. History through Northern Virginia Community College

Work History

Information Technology Intern | 06/2024 - Present
Carahsoft | Reston, VA

Vice President of Video Editing | 02/2021 - 09/2021
Teen Leadership Network | Remote
- Applied experience video editing software to consistently produce high-quality videos with efficiency
- Supervised the work of incoming trainings, providing guidance to maintain quality and consistency
- Trusted with publishing finalized videos across the brand's social media accounts and podcast platforms

Skills

Java, Python, JavaScript, Django, React, Next.js, SQLite, Prompt-Engineering, Project Management, Problem Resolution

Projects

Loggd | 07/2023 - 08/2023, Updated 06/2024
JavaScript, HTML, CSS, GPT-3.5
- Developed a web extension that redirects users to page of an inputted movie on select movie databases and social medias
- Leveraged modern technology as an opportunity to learn prompt-engineering by working with GPT-3.5 to create the initial backend
- Conducted maintenance to add multiple color schemes and additional navigation destinations
- Utilized multiple browser APIs to ensure compatibility with both Chromium and Firefox users

Charlottesville Top8s | 04/2024 - 06/2024
Python, JavaScript, HTML, CSS, Django, Pillow, Fly.io
- Created a generative website for graphics of inputted Super Smash Brothers tournament results
- Crafted unique layouts using Pillow for the tournaments organized by the Charlottesville community and UVA
- Constructed an SQLite database using Django to allow users to access and delete their recentcreations privately

lukemcmeans.com | 06/2024
JavaScript, HTML, CSS, React, Next.js, Vercel
- Built and deployed a personal portfolio website detailing some of the contents of this resume in greater depth
- Implemented a clean design with React and Next.js for optimal user experiences across devices and browsers