Luke McMeans

Leesburg, VA | (703) 431-6232 | elukemcmeans@gmail.com

🔗 lukemcmeans.com | in/luke-mcmeans | McMeans

EDUCATION

• **University of Virginia**   *August 2022 - May 2026*
Bachelor of Arts in Computer Science, Minor in Data Science   Charlottesville, VA
◦ **GPA:** 3.56/4.00
◦ **Coursework:** Software Engineering, Data Structures & Algorithms, Artificial Intelligence, Machine Learning, Computer Systems, Discrete Mathematics, Linear Algebra, Multivariable Calculus

EXPERIENCE

• **Carahsoft**   *June 2024 - August 2024*
Software Development Intern   Reston, VA
◦ Developed REST API database functions to view, create, and manage care packages for 5000+ vendors
◦ Expanded an ASP.NET web app for users to interact with the care package configurations intuitively
◦ Created an xUnit project with over 30 tests to reinforce an automated care package delivery service
◦ Converted 100+ API client functions to asynchronous for enhanced response time and scalability
◦ Collaborated with teams of 4-8 to provide refactoring and debugging support, ensuring efficient code

• **Teen Leadership Network**   *February 2021 - September 2021*
Vice President of Video Editing   Remote
◦ Boosted efficiency by over 50% using video editing software expertise to produce high-quality content
◦ Supervised the work of 4 incoming trainees, providing guidance to maintain production value
◦ Trusted with publishing over 20 finalized videos across the brand's social media and podcast platforms

PROJECTS

• **Bridgery (Working Title)**   *October 2024 - Present*
Dart, MySQL, Node.js, Flutter, OAuth, GPT-4o (subject to change)
◦ Architecting an app for users to convert, share, and download playlists between 4 streaming services
◦ Expected to completed the project before the end of 2025

• **Loggd**   *July 2023 - August 2023, Updated June 2024*
JavaScript, HTML, CSS, GPT-3.5   [○]
◦ Engineered a web extension to decrease navigation times to a desired movie page by 40%
◦ Applied GPT-3.5 as an opportunity to learn prompt-engineering in the creation of the initial backend
◦ Performed maintenance to add 6 color schemes and additional navigation destinations
◦ Utilized browser APIs to ensure compatibility with over 20 commercial and open-source browsers

• **Charlottesville Top8s**   *April 2024 - June 2024*
Python, JavaScript, HTML, CSS, SQLite, Django, Pillow, Fly.io   [○]
◦ Created a graphic generator for Super Smash Brothers tournament results with over 150 billion outcomes
◦ Designed 3 unique layouts, using Pillow, for the tournaments organized by both Charlottesville and UVA
◦ Configured an SQLite database allowing users to manage theirs of the estimated 80 annual creations

• **lukemcmeans.com**   *June 2024*
JavaScript, HTML, CSS, React, Next.js, Vercel   [○]
◦ Built and deployed a personal portfolio website detailing some contents of this resume in greater depth
◦ Implemented a clean design with React and Next.js for enhanced user experiences across devices
◦ Conducted maintenance in October 2024 to update the UI and add tabs

SKILLS

◦ **Languages:** Java, Python, C#, C, JavaScript, jQuery, SQL, HTML, CSS
◦ **Tools/Frameworks:** Prompt-Engineering, Git, Azure, REST API, React.js, Django, .NET
◦ **Soft Skills:** Project Management, Problem Resolution, Continued Learning