

Luke McMeans

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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, 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 share, convert, 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 300 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

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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

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, Continuous Learning