Alexander V. Williams

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https://alexandervwilliams.com

Education

James Madison University, Harrisonburg, Virginia

Bachelor of Science in Computer Science (May 2014 - December 2018)

Extracurriculars: Intramural Soccer, Cyber Defense Club, ACM

Technical Skills

- Programming Languages: C, C++, Java, JavaScript, HTML/CSS, PHP, Python
- Frameworks & Libraries: React, React Native, Tailwind CSS, Electron
- DevOps & Databases: AWS, GCS, Firebase, MongoDB, SQLite, GitHub (CI/CD), MySQL
- Tools & Technologies: Node.js, Selenium, Puppeteer, Appium, Postman
- Design & Prototyping: Figma

Professional Experience

Data Center Technician

Amazon Web Services (AWS), Manassas, VA (June 2022 - Present)

- Monitor and maintain data center infrastructure to ensure optimal performance and uptime for AWS customers.
- Troubleshoot hardware, software, and network issues.
- Optimized workflows, resulting in annual savings exceeding $100,000.

Owner and Senior Developer

Cloudi Software, LLC (February 2018 - Present)

- Develop web and desktop applications using the MERN stack and Electron framework.
- Implement artificial intelligence and automation technologies.
- Manage a team of developers and designers.
- Oversee project timelines and budgets.

Property Manager

Kevin Howard Real Estate, Portland, OR (January 2020 - January 2022)

- Oversaw daily operations of residential and commercial properties.

Information Services Specialist

State of Oregon - Oregon Youth Authority IT, Salem, OR (January 2019 - December 2019)

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- Provided IT support to staff and facilities.
- Troubleshot and resolved hardware and software issues.
- Assisted in network administration and maintained IT security.
- Developed and implemented IT policies and procedures.
- Collaborated on IT projects and initiatives.

Research Assistant

James Madison University, Harrisonburg, VA (December 2015 - May 2016)

- Conducted research on protein folding and rigidity theory in 3D.
- Utilized Processing, Java, and Python to develop models and simulations.
- Analyzed data and prepared research findings for publication.

Selected Projects

- MangaMinis: An AI-driven platform enabling users to effortlessly create captivating manga.
- VinInquirer: A tool designed to provide detailed vehicle information based on VIN inputs.
- SplitProps: A mobile application facilitating the division of property assets efficiently.
- SpicyPet: An e-commerce website offering resources for pet owners.
- ChatGPT News Network: A news aggregation site powered by ChatGPT, delivering timely updates.

For a comprehensive view of my projects, please visit https://alexandervwilliams.com/work.

Professional Summary

I'm a passionate software developer with a strong background in full-stack development for mobile, web, and desktop applications. I've had the opportunity to work with state governments in Oregon and Pennsylvania, as well as major companies like LiveNation and AWS. As the founder and lead of my own small software development company, I enjoy building innovative solutions and finding new ways to make technology more efficient and impactful for clients.