

Radison Akerman

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Experience

Project Manager & Software Engineer @ University of Illinois Chicago

Aug 2021 – Present // Chicago, IL

- Managed a team of 7 web developers working on over 10 large-scale, full-stack web applications
- Developed and maintained custom full-stack web applications on Nuxt, Laravel, Vue/React, SQL, used by 3,000+ users
- Integrated new project management software (Paymo) and maintained framework templates/documentation in Github
- Single-handedly developed and published a Shibboleth (SAML SSO) to Express (Node.js) authentication package on npm
- Drafted and enforced university IT policies and procedures, identified data risks across all 500+ faculty and staff

Digital Lead @ Steven Olikara for U.S. Senate

Apr 2022 – Aug 2022 // Milwaukee, WI

- Completely rebuilt campaign website from the ground up using Nuxt, Tailwinds, visited by 1,000's of Wisconsinites daily
- Secured sensitive campaign data and digital infrastructure against cyber attacks using Cloudflare, NGP VAN, Informr
- Worked with a team of web developers and content creators to rapidly push media; took photographs in the field

Web Security Intern @ U.S. Department of Veterans Affairs

Sept 2021 – May 2022 // Remote

- Penetration tested dmeinterns.org using Wireshark, SQLmap, and other web scanning tools, evaluated WordPress plugins
- Created strict security standards for 250+ interns, conducted phishing campaigns on all website users
- Educated other VA departments on password protocol and breach prevention through Slack

Software Engineering Intern @ University of Illinois Chicago

May 2021 – Aug 2021 // Chicago, IL

- Maintained and redesigned a custom space-and-access management system using Laravel, Vue, SQL
- Created new documentation and issue reporting standards with Atlassian Jira, Bitbucket, increasing readability by 3-fold
- Presented projects to university admin and trained faculty/staff on application usage regularly (via MS Teams, Calendly)

Dev-Ops Intern @ Montel Technologies

Nov 2017 – Sept 2018 // Loves Park, IL

- Lead front-end web developer on an enterprise-grade security unification solution (MTOP) utilizing Node.js, MongoDB
- Configured mission-critical SLA networks and infrastructure in the field by installing switches, IP cameras, access control
- Coordinated IoT devices R&D (Particle, Raspberry Pi, Cradlepoint) for use in 100's of deployed edge policing units

Education

University of Illinois Chicago

Aug 2020 – May 2024 (Anticipated) // Chicago, IL

Bachelor of Science in Computer Science, Minor in Business Administration; 4.0 GPA

Skills

Programming Languages C, C++, Java, Python, JavaScript, TypeScript, F#, Go, Rust, SQL, Bash, PHP, HTML, CSS

Libraries & Frameworks Node.js, Nuxt, Express, Mongoose, Laravel, Vue, React, jQuery, Tailwinds, Handlebars, Ghost

Tools & Platforms Git, Cloudflare, AWS, MongoDB, Docker, Kubernetes, VMware, pfSense, Fauna, Auth0, Stripe, Mailgun

Interests Dev-Ops, Cybersecurity, Cloud computing, Project management, Full-stack development, IoT, UI/UX, Photography

Projects

Exploding Chickens @ chickens.rakerman.com

- A full-stack online card game built on Node.js nearly 1000 games played by 600+ players, led development and a team of 5
- Delivered 2 300-level guest lectures at University of Illinois Chicago detailing project structure, MVC pattern, viewed by 150+

Informr @ informr.rakerman.com

- A web form submission backbone leveraging edge cloud compute, built on next-gen Nuxt, Cloudflare Workers, R2
- Saved and analyzed 1,000's of form submissions at the cloud edge, filters spam and sends email notifications via Mailgun

See all 20+ projects at rakerman.com/projects