

# Radison Akerman

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## Experience

### Project Manager & Info Sec Analyst @ University of Illinois Chicago

Feb 2022 – Present // Chicago, IL

- Managed a team of 7 web and database developers working on over 10 large-scale, full-stack web applications
- 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 by working with UI system auditors and department leadership
- Aggregated sensitive data usages/locations and identified exposure 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 v3, 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

- Examined and improved the operational protection strategies of dmeinterns.org through phishing campaigns, pen testing, web scanning tools, WordPress plugin security evaluations, and creation of strict security standards for interns
- Educated other VA departments on password protocol and breach prevention through Slack

### Web & Database Developer @ University of Illinois Chicago

June 2021 – Feb 2022 // Chicago, IL

- Developed and maintained custom full-stack web applications using Laravel, Vue, and SQL, used by 3,000+ active users
- 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 (MTOPI) 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 units

## Education

### University of Illinois Chicago

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

Bachelor of Science in Computer Science, Computer Systems Concentration, 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, Cumulus, 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 with 800+ games played by 500+ players, led development and a team of 5
- Delivered a 300-level guest lecture 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 v3, 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](https://rakerman.com/projects)