

# Radison Akerman

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## Experience

### Web Security Intern

*U.S. Department of Veterans Affairs | Sept 2021 - Present*

- Examined and improved the operational protection strategies of [dmeinterns.org](http://dmeinterns.org)
- Addressed security vulnerabilities and possible avenues for attack on the site
- Educated other VA departments on password protocol and breach prevention

### Web & Database Developer

*University of Illinois Chicago College of Engineering | Jun 2021 - Present*

- Developed custom full-stack web applications using Laravel, Vue, and SQL
- Maintained legacy projects and SQL databases with 5,000+ active users
- Created new documentation and issue reporting standards, increasing readability by 30%
- Presented projects to university admin and trained staff/students on application usage

### Developmental Operations Intern

*Montel Technologies, LLC | Nov 2017 - Sept 2018*

- Lead web developer on an enterprise-grade cloud security solution utilizing NodeJS
- Implemented new features quickly and effectively by working directly with clients
- Reduced support calls by 50% by designing a down-detector and chatbot linked to Zendesk
- Coordinated IoT devices R&D for use in 100's of deployed production units

## Education

### University of Illinois Chicago

*Bachelor of Science, Major in Computer Science, Minor in Business Administration*

- GPA: 4.0/4.0, Expected Graduation: Dec 2023
- Awards: College of Engineering Deans List 2020, 2021
- Activities: EDT (Engineering Design Team), ACM (Association for Computing Machinery)

## Abilities & Skill-set

### Computer Science

- Interests: Cybersecurity, information security, software development, project management
- Languages: C, C++, Java, Python, JavaScript, Bash, PHP, HTML5, CSS3, SASS, Swift, Cumulus
- Platforms: Linux & Windows OS, AWS, NodeJS, Bootstrap, Laravel, MongoDB, SQL, pfSense

### Digital Graphics

- Interests: Photography, graphic design, media strategy, cinematography, film production
- Platforms: Adobe Photoshop, Lightroom, Illustrator, Final Cut Pro, Frame.io, Sketch

## Projects

### Professional & Personal Projects

- Exploding Chickens, An online alternative to the popular Exploding Kittens card game
- RaceTracer, A streamlined race management platform that handles race timing and entry
- ImpackAI, A web tool that keeps track of inventory and orders in the production process
- Particlecord, A Discord notification bot that monitors Particle.io events in real-time

### Community Leadership

- Event Captain at Life Time, Helped lead 750+ volunteers who aided 8,000+ athletes per event
- Section Leader at Stanford University, Instructed a portion of 10,000+ Code in Place students
- Instructor at Montel Tech Academy, Taught 10 local students the fundamentals of CS and IT
- Photographer at RPS 205, Produced photographs and video content for school-related events