

# SAMUEL STARKE

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## OBJECTIVE

- Dynamic, extroverted professional with a focus on fine-detail and reliability. Known for excellent leadership and problem-solving skills, leading teams in fast-paced environments to deliver innovative and strategic solutions. Quick, efficient leader, adept at adapting to diverse settings.

## EDUCATION

- **B.S. in Computer Science** from **University of Arkansas** 2023, concentration in Cyber Security.

## SOFTWARE SKILLS

- Application and web programming in Python, JavaScript/TypeScript, and Java, on Windows or Mac, with knowledge of C/C++, SQL, Rust, Cypher.
- Knowledge of frameworks and technologies such as Angular, Spring Boot, Azure DevOps, GitHub, Neo4j, Postman, Microsoft SQL Server, Microsoft Office, Visual Studio Code.
- Strong debugging skills.
- Versatile in learning and integrating new technologies and skills.
- Design and typesetting in HTML, CSS, and SASS.

## EXPERIENCE

- 2023—Current **Software Engineer** J.B. Hunt Transport Inc.
- *Enhanced user interface of Angular 14 application using corporate design standards, improving user experience and policy compliance.*
  - *Boosted application resilience by implementing Cypress and SonarQube tests.*
  - *Engaged in code review processes, ensuring code quality and consistency in style through collaborative feedback.*
  - *Participated in deploying applications in Docker/Kubernetes environments using Azure DevOps, optimizing production efficiency.*
  - *Led three concurrent software engineering teams using Scrum methodologies, improving team productivity and project management.*
- 2022—2023 **Application Developer / Data Architect Intern** J.B. Hunt Transport Inc.
- *Developed relational databases for a hackathon with industry standards and practices.*
  - *Gained expertise in entity-relationship diagramming and relational database design, applying industry-standard naming conventions.*
  - *Analyzed and presented relational database designs versus graph structures to data architecture and leadership teams.*
  - *Migrated relational databases to Neo4j graph databases using Aura pipelines and Python for enhancing data lineage reporting.*
  - *Collaborated in migrating SQL metadata to Aura for Neo4j-based lineage report visualization.*
- 2021—2023 **Association of Computing Machinery Vice President** University of Arkansas
- *Organized and hosted various events, arranged tech-talks with multiple companies.*
  - *Coordinated and managed UARK Hackathon, an overnight programming competition among students from various colleges, negotiated prizes and judging criteria with sponsors.*
  - *Oversaw and maintained financial aspects of the organization.*
- 2017—2019 **Audiovisual Technician / Camera Operator** Fellowship Church
- *Managed live studio lighting, gamma, and contrast effects to enhance atmosphere during church services.*
  - *Operated high-end cameras, capturing high-quality video content during live services.*
  - *Executed real-time production directives in coordination with the lead technical director contributing to seamless delivery of media in high-pressure situations.*

## PERSONAL PROJECTS AND INTERESTS

- High level and well-known note-charting developer for rhythm games osu! and Etterna.
- Interested in the study, history, and production of abstract electronic/experimental music.
- Currently developing and maintaining a personal website (starke.gg), publishing various projects, games, and articles.
- Developed and maintained a curated collection of practical web-based applications designed to enhance the Etterna note-charting experience.
- Passionate about rock climbing and bouldering as both a hobby and form of physical exercise.
- Interested in developing small-scale video games and cyber security riddles.