

# Davis Morales

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## Work Experience

### Office of State Courts Administrator

August 2022 – Current

#### Programmer

Hybrid; Jefferson City, MO

- Develop various features and fixes for the Show-Me Courts Court and Case Management System that is actively used by thousands of Court Staff from the Supreme, Appellate, and County Courts as well as Missouri's Judicial Branch
- Revamping new developer onboarding with a tailored curriculum and detailed documentation, significantly flattening the learning curve and accelerating team integration from months to weeks
- Leading the overhaul of a 15-year old legacy system, enabling seamless integration with new tools and environments for more agile and efficient development
- Spearheading the adoption of modern developer tools that has saved the team thousands of hours in development time within the first six months and has set new standards for productivity.
- Co-founded a team dedicated to enhancing product quality through automated end-to-end testing with **Cypress** and **Cucumber**, ensuring a more reliable and bug-free product
- Code and maintain a Dynamic **Full-Stack** Web Application utilizing the **Spring MVC** framework, **jQuery** Javascript Library, and **Bootstrap** CSS Framework
- Write and debug **Oracle** queries to interface with the Missouri Court System's proprietary databases
- Utilize **Object-Oriented Programming** Design to create a readable, reusable, and effective codebase
- Create and run **Unit tests** with **JUnit** to ensure consistency within important service functions
- Work within an **Agile** workflow ensuring that tasks are meeting important deadlines for the implementation of vital bug fixes and features that are used throughout the courts

### Fleet 4, LLC

February 2022 – June 2022

#### Full Stack Developer

Remote; St. Louis, MO

- Assisted in the software development of the Fleet4Fire Software as a Service that provides the fire-service industry employee, sales, and inventory management services
- Played a pivotal role within a 4-developer startup team, effectively managing diverse responsibilities and rapidly acquiring new skills to ensure effective client application support.
- Developed within a **Vue.js** frontend and **Node.js** backend that interfaced to a **MySQL** Database

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## Skills

- *Front-End:* jQuery | JSP | Vue.js | ReactJS | Bootstrap | Javascript
- *Backend:* Spring MVC | Spring Boot | Node.js | Java | REST API | ActiveMQ
- *Databases:* Oracle PL/SQL | MySQL | PostgreSQL
- *Version Control:* Git | Bitbucket | Jira | GitKraken | Github
- *Testing Tools:* Cypress | JUnit
- *Developer Tools:* Apache Tomcat | IBM WebSphere | ActiveMQ | VSCode | Eclipse | JRebel

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## Education and Achievements

### Southern Illinois University Carbondale

BA in Computer Science with a Minor in Music

Carbondale, IL

- Magna Cum Laude (3.88 GPA)
- Wind Ensemble and Clarinet Choir

### Boy Scouts of America

Eagle Scout

Troop 409, Olive Branch, MS