Jacob C. Waldrip

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Education:

Actively pursuing Bachelor of Science, **Computer Science** – University of Central Oklahoma
Edmond, Oklahoma
Associates of Science, **Computer Science** – Oklahoma City Community College
Oklahoma City, Oklahoma

Skills:

Python - Django	Java - Spring	HTML/CSS	Git
Javascript/Typescript	PHP	SQL	C++

Professional Experience:

Oklahoma Interactive, LLC – Oklahoma City, Oklahoma   **6/2018 - 1/2019 & 8/2019 - Present**
Software Developer/Software Development Intern

- o Transitioned from intern to full-time web developer
- o Developed enterprise applications in Java Spring and PHP for the Oklahoma government
- o Worked in an Agile environment
- o Lead the development of https://OklahomaInteractive.com
- o Extensive maintenance, debugging, and development of SQL databases
- o Participated in a developer-led planning and execution of developing a new backend architecture using microservices and API gateways

Heartland Payment Systems – Edmond, Oklahoma   **5/2019 – 7/2019**
Software Development Intern

- o Created and maintained internal communication hub using Google Sites and custom Javascript modules
- o Worked alongside a team of experienced developers using C#/.NET

Oklahoma City Thunder – Edmond, Oklahoma   **1/2019 – 5/2019**
Software Development Intern

- o Worked on internal application used by players, coaches, medical staff, player development staff, and scouting teams using Django in Python
- o Implemented and maintained unit and integration tests
- o Used Git to collaborate with other developers
- o Received frequent and constructive code reviews from senior developers

Personal Projects:

Screeps AI   Typescript

- o Active project created and maintained over two years, roughly 20,000 lines across 100+ files
- o Continually refactored and optimized to stay maintainable and within processing time constraints
- o https://github.com/jakesboy2/screeps-typescript-starter

Personal Landing Page   Django - Python

- o Personal website used as a landing page, portfolio, and biographical aggregation of information
- o Developed in Python with special focus on a clean, intuitive front-end design
- o https://github.com/jakesboy2/personalsite

Javascript Standard Library   Javascript & Typescript

- o Personal standard library for common helper functions in Javascript and Typescript
- o Provides the functionality I most commonly have a need for across projects, both personal and professional
- o Prevents needing to include bloated Javascript libraries by aggregating the most useful functionality from them into one place
- o https://github.com/jakesboy2/JS-Standard-Lib