

# Jacob C. Waldrip

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<https://jacobwaldrip.dev>

## 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**

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

***Heartland Payment Systems – Edmond, Oklahoma***  
**Software Development Intern**

**5/2019 – 7/2019**

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

***Oklahoma City Thunder – Edmond, Oklahoma***  
**Software Development Intern**

**1/2019 – 5/2019**

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

**Personal Projects:**

***Screeps AI***

**Typescript**

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

***Personal Landing Page***

**Django - Python**

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

***Javascript Standard Library***

**Javascript & Typescript**

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