

# Trey Merkley

billy.wade@pm.me  
github.com/treymerkley

1 (918) 613-5110  
linkedin.com/in/biwade

## Professional Summary

OSU Okmulgee honors graduate looking for a full time developer role. I am a fast learner, perform excellently under pressure, and look forward to taking on new challenges in a fast paced company.

## Highlights

<b>Programming Languages</b>	C#, HTML/CSS, L <sup>A</sup> T <sub>E</sub> X, Python, SQL (SQL Server and MySQL dialects), PHP, Java, Grok, JavaScript
<b>Tools</b>	Bash, GIMP, Git, GitHub, Active Directory, Windows Server, ConnectWise TMS, Printer Installation, Hardware and Software Troubleshooting, Network Administration, Elastic Stack
<b>Development Environments</b>	Command-Line Interfaces, Emacs, Linux (Arch, Debian/Ubuntu), Visual Studio (Suite and Code)

## Skills

### Technical

- C#
  - .NET, Core, Framework, and Mono
  - Complex GUI applications using Visual Studio 2010-2017
  - ADO.NET apps for server access and data manipulation
- Java
  - Used Android Studio 2015 to develop Android applications
- Python
  - Graphical wrappers for command line packages and Python-based APIs using Qt5 via PyQt5/PySide2
  - Pandas and Matplotlib
- SQL
  - Manipulated SQL Server and MariaDB
  - graphical frontend and terminal

### Other

- fast learner
- goal oriented
- stays organized
- accountable
- committed to optimization
- analytical
- perform exceptionally under pressure
- prioritize tasks effectively
- work well with a team
- solve problems creatively
- effective communicator
- passionate about software

## Experience

### Work

- Global Service Desk Engineer I - True Digital Security
  - I am the first line of support for our clients from across the country. I provide them with Tier I and Tier II technical support, addressing a wide range of issues such as maintaining security and credentials, diagnosing and resolving problems with business applications, AWS virtual workstations, troubleshooting hardware failures.
  - I develop Grok queries and Python scripts to parse log data and work closely with the DevOps team to provide world-class data analysis and visualization to our clients along with excellent customer service.
- Computer Technician - Oklahoma State University Institute of Technology
  - I was the primary IT technician for the student body of OSUIT. I analyzed, troubleshooted, and implemented solutions to maintain an extensive, school-wide network and provide on-site troubleshooting for hundreds of students and faculty members campus-wide.
- Customer Service Representative -Family Video
  - Kept up-to-date knowledge on inventory, met or exceeded required sales and customer service metrics, maintained an organized salesfloor. Provided basic troubleshooting and excellent customer service.

### Projects

- I actively contribute to/maintain multiple software projects, including:
  - renpy-mode (Elisp)  
Syntax highlighting framework on Emacs for the Ren'Py game engine. I am currently the sole maintainer for the renpy-mode software.
  - codefortulsa/clear-my-record (JavaScript)  
Client-side app for the Code for Tulsa civic action nonprofit to automate the process of clearing the criminal records of applicable people. I fleshed out the form with extra fields and implemented professional document formatting to the resulting form.
  - microsoft/msbuild (C#)  
The C# compiler. I added more information to multiple error messages and provided repository maintenance.
  - openmw-nif-cleaner (Python)  
Project to provide an easy-to-use, automated method of porting texture files from the archaic Gamebryo engine to the modern OpenMW engine. I wrote the GUI and tied it to the backend, as well as refactored and optimized the code for the backend.
- I currently work on a few different hobby network administration projects, including:
  - File servers
  - Home theater PCs
  - Linux workstations

## Education

<b>August 2019</b>	<b>B. Tech, Information Technology;</b> Oklahoma State University Institute of Technology <b>Summa Cum Laude; GPA: 3.3</b>
<b>December 2017</b>	<b>AS, Computer Science;</b> Oklahoma State University Institute of Technology <b>Magna Cum Laude; GPA: 3.5</b>