Trey Merkley

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Professional Summary

I'm a graduate of Oklahoma State University's satellite campus in Okmulgee, having majored in software development and information security.

My main languages are C#, SQL, and Python. I'm looking for a full-time position where I can utilize my skills and give back to the software community. I care about contributing both to open source projects and being actively involved in local tech communities.

Technical Skills

Programming Languages	C#, HTML/CSS, LATEX, Python, SQL (SQL Server and MySQL dialects), PHP, Java
Skills	Bash, GIMP, Git, GitHub
Development Environments	Command-Line Interfaces, Emacs, Linux (Arch, Debian/Ubuntu), Visual Studio (Suite and Code)

Experience

Work

- GSD Engineer I - True Digital Security
  - I provide level I help-desk support for our customers.
  - Skills: Software troubleshooting, network security
- Computer Technician - Oklahoma State University Institute of Technology
  - I am the first line of technical support.
  - Skills: Network troubleshooting, software installation, customer care
- Customer Service Representative -Family Video
  - I provided customer care and store maintenance for Family Video in Okmulgee.
  - Skills: Customer care, cash handling

Projects

- I actively contribute to/working on multiple code projects, including:
  - renpy-mode (Elisp)
  - codefortulsa/clear-my-record (JavaScript)
  - microsoft/msbuild (C#)
  - openmw-nif-cleaner (Python)

Skills

- C#

- I have experience with all three major implementations of .NET, Core, Framework, and Mono
- I have experience developing complex GUI applications using Visual Studio 2010-2017, following the MVC pattern
- Developed ADO.NET apps for server access and data manipulation
- Java
  - Used Android Studio 2015 to develop Android applications in Java, both developing the graphical frontend and the underpinning logic
- Python
  - Developed graphical wrappers for command line packages and Python-based APIs using Qt5 via PyQt5/PySide2
  - Used libraries like Pandas and MatPlotLib to visualize and manipulate data
- SQL
  - Built databases in SQL Server
  - Manipulated SQL Server and MariaDB databases using both the graphical frontend and terminal

Education

August 2019 (expected)   **B. Tech, Information Technology**; Oklahoma State University Institute of Technology **GPA: 3.5**

December 2017   **AS, Computer Science**; Oklahoma State University Institute of Technology **Magna Cum Laude; GPA: 3.5**