# 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, , 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

**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**