






# MICHAEL PALMER

## CONTACT

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 <https://michaelpalmer.codes/>

## EXPERTISE

Artificial Intelligence  
Machine Learning  
Software Engineering  
Database Management  
Graphical User Interfaces  
Web Development  
Game Development  
Problem Solving  
Collaboration and Communication

## SKILLS

Python  
Java  
C#  
SQL  
PyTorch  
Blender  
Jupyter Notebook  
Visual Studio  
Scikit-Learn  
PyCharm  
HTML/CSS  
Kotlin

## CERTIFICATIONS

**Project+ Certified**  
Comptia | November 2022

**ITIL Foundation Certificate in IT Service Management**  
PeopleCert | February 2023

## SUMMARY

A results-driven computer science graduate adept at mastering new technologies. Successfully resolves technical issues through comprehensive testing. Proficient in programming AI and machine learning applications. Committed to producing efficient and maintainable code.

## PROJECT EXPERIENCE

- Developed a Python-based machine learning model utilizing Pandas and Scikit-learn, capable of estimating market salaries from over 1,000 job positions using public data.
- Designed a Java-based graphical user interface (GUI) for appointment management, integrated with a MySQL database, featuring automatic time zone detection and user localization.
- Created an automatic reformatting script for blender models that saved 24 hours of work monthly.
- Constructed a PyTorch machine learning solution capable of estimating on the MNIST dataset with 95.4% accuracy.
- Contributed to the Godot Engine, identifying and resolving software issues on the acclaimed open-source game development platform.
- Built the [Michael Palmer Codes](https://michaelpalmer.codes/) site with HTML/CSS programming, including domain name and hosting set-up.

## WORK EXPERIENCE

### Palmer Geotechnical Consultants, Inc.

Field Technician | January 2018 - Present

- Extracted, analyzed, and categorized soil samples by grain size, soil type, and moisture content.
- Wrote and updated scientific reports and proposals, and utilized digital image editing tools to mark site excavation locations on a county parcel viewer.

## EDUCATION

**Western Governors University** | September 2020 - August 2023

B.S. in Computer Science

- Relevant Coursework including Software engineering, Software I & II, Data Management Foundations & Applications, Advanced Data Management, Web Development Foundations, Network & Security Foundations.

**Skagit Valley College** | June 2018 - June 2020

A.S. in Engineering, Computer Science, Physics and Atmospheric Science

- Relevant Coursework including Java Programming I and II, Precalculus/Calculus I, II, and III, and Physics I, II, and III.