Excellent Willie-Pepple.

Fort Wayne IN, [Willei01@pfw.edu,](mailto:Willei01@pfw.edu,) [My Linked In](https://www.linkedin.com/in/excellent-willie-pepple-2a09b1217/), (260) 290 2617

# Technical Skills

* Strong Python programming skills, including experience with Django web development.
* Expertise in front-end and back-end web development with HTML, CSS, JavaScript and React.
* Proficient in SQL and experienced in data structures.
* Experience in UI/UX design using Figma.
* Skilled in several programming languages, including Java, C, C++, C#, Kotlin, and Arduino
* Familiar with big data technologies, such as Hadoop, Spark, and MapReduce
* Experience with Game Development using both Unity and Unreal engine.
* Knowledge of Dotnet development (MAUI and ASP.net)
* Robot Programming using Arduino C++
* Proficient with Cloud Computing Technology using various AWS services.
* Networking background in designing and maintaining Cloud Network Architectures, and Domain Name Systems Infra Structure.
* Experience in Data Science, Machine Learning and Artificial Intelligence
* Ability to work effectively both independently and as part of a team.

# Education

1. Bachelor of computer Science at Purdue University Fort Wayne, IN. [June 2025 - EXPECTED]

Honor Student 8/23/2021 Dean’s List – 2021

**Experience**

1. **Computer Science Teaching Assistant at Purdue University Fort Wayne [January 2022- May 2022]**

Provided tutoring services for computer science students and grading assistance for assignments. Helped students review and understand programming concepts in python and web technologies.

1. **Software Development Intern, Amazon Web Services [June 2022-August 2022].**

Contributed to the **AWS Route 53** team by providing solutions for big data analytics problems and improved security for DNS querying. Designed and implemented a solution to analyze large datasets of log data to provide critical information that helps tackle DDoS attacks.

1. **Mentor, Computer Science Student Scholar [September 2022 – May 2023]**

Provided one-on-one tutoring and mentorship for computer science students seeking additional assistance. Guided students with various programming and software engineering projects, for both console and GUI applications. (Web, Visual C#, Python, Java, C/C++)

1. **Software Development Engineer Intern, Amazon Web Services [May 2023 – August 2023]**

Returned to the Route 53 team, where I worked on designing and implementing a Networking solution to tackle network isolation events on our POPs, using several Traffic engineer techniques such as BGP manipulations, and anycast filters.