William Pitts

CONTACT mobile: +1 256.690.8992   pittswilliam715@gmail.com   *Chicago, IL*

ABOUT ME   I'm a senior Computer Science student, seeking a Software Engineer internship. I love computer programming, Problem-solving and the process of working in a team with CI/CD. I seek mentorship. I pay attention to details. I value inquisitiveness and critical-thinking, to expand my knowledge.

SKILLS

Programming Languages/Tools
C++, Java, Python, SQL, Git, Jira, Slack, HTML, CSS, Javascript, APIs, Flask, A.I., Artificial Intelligence, Databases, Virtual Machines, R, Algorithms, Remix, React LaTeX

PROJECTS

Machine Learning https://github.com/reixyz22/Machine-Learning-Course-Notebook
- Developed proficiency in Python libraries such as Numpy, Pandas, TensorFlow, and Matplotlib.
- Gained hands-on experience with machine learning models and real world data. With a focus on classification, regression, clustering tasks, SVMs, Naive Bayes, Neural Networks, Unsupervised.
- Data preprocessing, analysis, and visualization to improve model accuracy and performance.

Open AI Content Aggregator https://github.com/reixyz22/AI-Content-Aggregator
- This Python program searches the web; Uses API calls to OpenAI's GPT-3 to extract key data such as the date and location of events. The result is exported to new Microsoft Excel database.

Chi-AWE Contact Editor https://github.com/reixyz22/Contact-Editor
- Started developement on a web-based contact management system using modern web frameworks (Remix/Next.js) with a focus on documentation and testing.
- Plan to implement unit tests to ensure functionality and reliability.
- Documention of architectural decisions using ADRs to guide future developments.

Leetcode / HackerRank https://github.com/reixyz22/LeetCodeQuestions
- Worked on advanced interview style programming questions, using algorithms to solve each one.

PROFESSIONAL EXPERIENCE

Chi-AWE 501(C)3 nonprofit, Chicago, Illinois, USA
Solutions Intern   **January 2024 – Current**
- Used Jira to communicate with team and document work; also used Slack to collaborate.
- Debugged code involving generative AI in Python, with Github pull request.

Levy, United Center, Chicago, Illinois, USA
Concession stand worker   **September 2022 – March 2024**
- Thrived in a fast-paced sports center environment, serving over 200 customers per intermission.
- Demonstrated strong customer service skills while directing customers and enforcing venue rules.

EDUCATION

Northeastern Illinois University, Chicago, IL   **3.46 GPA**
Bachelors in Computer Science   **September 2023 – December 2024**

City Community Colleges Chicago, Chicago, IL
Associate in Engineering Science   **September 2020 – August 2023**

COURSEWORK

C++ Obj Oriented Program I/II, Java Obj Oriented Program I/II, Algorithms CS 324

- Object-oriented programming principles. Applied to design applications in both Java / C++.

Modern Database Management CS 315

- Utilized relational algebra and SQLWorkbench for efficient data querying and management.

Discrete Mathematics, Differential Equations, Probability & Statistics, Calculus I/II/III

- Demonstrated strong analytical skills through successful completion of advanced Calculus, Statistics, and Differential Equations. In Discrete math, we covered time complexity of our programs.