

William Pitts

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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 with a teams in 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, AI, Machine Learning, Databases, Virtual Machines, R, Data Structures, Algorithms, Neural Nets, L ^A T _E X		
PROJECTS	Machine Learning https://github.com/reixyz22/Machine-Learning-Course-Notebook <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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.• Documentation of architectural decisions using ADRs to guide future developments. Leetcode / HackerRank https://github.com/reixyz22/LeetCodeQuestions <ul style="list-style-type: none">• Worked on advanced interview style programming questions, using algorithms to solve each one.		
PROFESSIONAL EXPERIENCE	Chi-AWE 501(c)(3) nonprofit , Chicago, Illinois, USA <i>Solutions Intern</i> January 2024 – Current <ul style="list-style-type: none">• 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 <i>Concession stand worker</i> September 2022 – March 2024 <ul style="list-style-type: none">• 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 <i>Bachelors in Computer Science</i> September 2023 – December 2024 City Community Colleges of Chicago , Chicago, IL <i>Associate in Engineering Science</i> September 2020 – August 2023		
COURSEWORK	C++ Obj Oriented Program I/II, Java Obj Oriented Program I/II, Algorithms CS 324 <ul style="list-style-type: none">• Object-oriented programming principles. Applied to design applications in both Java / C++. Modern Database Management CS 315 <ul style="list-style-type: none">• Utilized relational algebra and SQLWorkbench for efficient data querying and management. Discrete Mathematics, Differential Equations, Probability & Statistics, Calculus I/II/III <ul style="list-style-type: none">• Demonstrated strong analytical skills through successful completion of advanced Calculus, Statistics, and Differential Equations. In Discrete math, we covered time complexity of our programs.		