

William Pitts

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ABOUT ME	I'm a senior Computer Science student, seeking a Software Engineer internship. I love computer programming, and the process of working with a team, including using agile methods. I seek mentorship. I pay attention to details. I also ask precise questions when I don't understand something. I value maturity, independence, and Problem-solving abilities.		
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	Open AI & Web scraper: https://github.com/reixyz22/WebScraper-AI-Project <ul style="list-style-type: none">Created a Python program that searches the web to create a list of URLs. The program sanitizes HTML from these web pages using a function, removing tags such as 'style', 'script'. Next, the program executes API calls to OpenAI's GPT-3 to extract key data such as the date and location of events. Finally, the result is exported to a new Microsoft Excel database using Pandas. Leetcode: https://github.com/reixyz22/LeetCodeQuestions <ul style="list-style-type: none">Worked on advanced interview style programming questions, using algorithms to solve each one. Machine Learning: Collab Notebook, https://colab.research.google.com/drive/1vSU.. <ul style="list-style-type: none">Completed online tutorial course 'Machine Learning for Everybody' by Kylie Ying. This course includes Numpy, Pandas, TensorFlow and Matplotlib with advanced Python. Loss Functions, Data Splits, Nearest Known Neighbor, Naive Bayes, Support Vector, Neural Networks, Linear Regression. Unsupervised learning.		
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 <ul style="list-style-type: none">Object-oriented programming principles. Applied to design applications in both Java / C++. CS 315 Modern Database Management <ul style="list-style-type: none">Utilized relational algebra and SQLWorkbench for efficient data querying and management. WebDev I Basic Web, WebDev II Client Side programming <ul style="list-style-type: none">Developed hands on projects with in Front End web development of locally hosted websites. 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.		