Bill Zhang

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WORK & VOLUNTEER EXPERIENCE

Comet – Flight Test Intern   September 2021 – December 2021
- Participated in user tests following Head Developer's guidelines
- Contributed to product development and UI by providing critical feedback and thoughtful recommendations
- Collaborated with engineers and other departments to develop effective strategies and test plans

Shanghai Green Amines – Website Developer   June 2021 – August 2021
- Single-handedly developed static company website with **W3CSS** in both English and Chinese
- Presented various website designs to best convey information to customers that were eventually used

SMIC Artificial Intelligence Class – Co-teacher   September 2021 – May 2022
- Chosen to teach the new high school A.I. course of 16, which covered python, pandas, sci-kit learn, and ethics
- Developed and delivered course lectures, curriculum, projects, homework, as well as mentored students

EDUCATION

University of Illinois – Urbana-Champaign   Champaign-Urbana, IL
B.S. Statistics & Computer Science   August 2022 – May 2025
   Coursework: Introduction to CS I (Honors), Data Science Discovery, Intro to CS II, Discrete Structures
   GPA: 3.87/4.00
   Minors: Linguistics, Math

Shanghai SMIC Private School
High School Diploma   September 2018 – May 2022
   Coursework: AP Computer Science A, AP Computer Science Principles, Artificial Intelligence, Technology Exploration
   Clubs/Awards: Computer Club (President), Competitive Coding Club (Co-president), Digital Newspaper (President)

SKILLS

   Programming Languages: Python, Java, HTML/CSS, C#, Kotlin, SQL, C++
   Tools/Frameworks: Git, Java Swing, Tailwind CSS, Bootstrap, Sci-Kit Learn, Pandas, MatPlotLib

CERTIFICATES

   Databases and SQL for Data Science with Python (IBM Skill Network Coursera)
   Supervised Machine Learning: Regression and Classification (DeepLearning.AI Coursera)
   Advanced Learning Algorithms (DeepLearning.AI Coursera)
   Applied Machine Learning in Python (University of Michigan Coursera)

PROJECTS

EZ-Citations   May 2022
- Developed a **Java** windows app specializing in keeping track of editing, sorting, saving, and copying citations to be implemented into the school's main public repository for students to utilize

UIUC Summer of Side Projects   June 2022 – July 2022
- Developed 4 projects over the course of a month involving **discord.py**, **flask, command line interface,** and **pygame**
- Created a search engine bot on discord that uses **beautifulsoup4** to extract web information, a student API website using **MongoDB**, a weather journal, and a version of asteroids

Reddit Misinformation Extractor   September 2021 – May 2022
- Implemented a machine learning program that identifies COVID-misinformation in social media posts, utilized for data analysis of misinformation transmission on the internet
- Achieved a strong 82% accuracy rate