Hnin Lwin

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EDUCATION

Hunter College (CUNY) **GPA: 3.7**

Bachelor of Arts in Computer Science **Expected Dec 2024**

Relevant Courses: Software Analysis & Design | Statistics | Discrete Structures | Computer Architecture

SKILLS & ORGANIZATIONS

Programming Languages: Python | C++ | JavaScript | HTML/CSS

Tools: Bootstrap | Excel | NumPy | Pandas

Spoken Languages: Burmese (Native) | Mandarin Chinese (Conversational)

Organizations: Girls Who Code | Project Basta | CUNY Tech Prep

RELEVANT EXPERIENCE

Unadat | *Software Development Intern* Jan. 2023 – May 2023

- Refactored chores feature, alongside 5 interns, by creating standalone readable components and prevent customer confusion to incentivize active negotiation between children and their parents towards a reward system.
- Migrated 300+ row datasets of parent/child user entries into MySQL database testing for 100% accuracy and transfer success before migrating sensitive financial data.
- Prototyped interactive modal popup with JavaScript and HTML/CSS for accessibility design and improving chores feature resulting click-through rate by 20%

JP Morgan Chase & Co. | *Software Development Intern* Jan. 2023 – Feb. 2023

- Analyzed 10,000+ row dataset of financial quotes with 4 other interns using Python's pandas library to generate reports to improve internal traders' decision making and revenue generation by 30%
- Implemented unit tests with Python pandas to validate 20,000+ raw data streamlining into database which prevented formatting and pipeline errors by 20%

Hunter College | *Undergraduate Teaching Assistant* Aug. 2022 – Present

- Conducting code reviews for 200+ students bi-weekly by delivering personalized feedback verbally to improve coding comprehension and overall academic performance by 70%
- Coordinating with 15+ TAs to refine tutoring strategies and identify knowledge expertise towards Computer Science curriculum for 700+ students which boosted completion rate and increase grade average by 30%

PROJECTS

Credit Comparison Project (TechTogether Hackathon) | (Python | SQL) May 2023

- Collaborated with 3 programmers to prototype a full stack app helping consumers discover hidden credit card perks and reduce accumulating excess credit cards.
- Implemented cash back calculation by referencing credit card company info stored within the SQL database and creating custom operations with Python to recommend ideal credit cards based on expenditure category.

Sudoku Solver | (C++) April 2023

- Designed a SudokuSolver application in C++ that is capable of solving Sudoku puzzles by utilizing backtracking and constraint propagation algorithms
- Leveraged C++ file handling and data manipulation capabilities to read and process Sudoku puzzles from CSV input files

Virus Tracker (HackAlpha Hackathon) | (JavaScript | HTML/CSS | Bootstrap | Chart.js | D3.js) Aug. 2022

- Collaborated with 3 programmers to secure 1st place against 600+ candidates by utilizing Bootstrap framework to design responsive infographic website analyzing Covid-19 and Monkeypox trends.
- Extracted relevant infection rate data from CDC site with Javascript and Chart.js and D3.js libraries to create modern dynamic data visualizations to compare geographic impact.