

Hnin Lwin

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EDUCATION

Hunter College (CUNY)

Bachelor of Arts in Computer Science

Major GPA: 3.73 | GPA: 3.69

Expected Dec. 2024

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

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 dataset 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 report 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%
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PROJECTS

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.

Sudoku Solver | (C++)

April 2023

- Implemented 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

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.
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SKILLS & ORGANIZATIONS

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

Tools: Bootstrap | Excel | Bootstrap | NumPy | Pandas

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

Organizations: Girls Who Code | Project Basta | G-SWEP Mentee