Hong Wei Chen

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EDUCATION

Stony Brook University — Stony Brook, NY
Bachelor of Science in Computer Science - GPA: 3.73/4.0 — *Aug. 2020 – May 2024*

EXPERIENCE

Software Engineer Intern — June 2023 – Aug. 2023
Publicis Sapient — *New York, NY*
- Developed an AI chatbot web application for a major automaker using Flask, React, MySQL, Vertex AI, Langchain, Material-UI
- Enabled the chatbot to handle various tasks, including answering any user inquiries, assisting with car selection, providing maintenance support to existing customers, and facilitating test drive scheduling and communication with dealerships.
- Collaborated effectively in a dynamic team of 6 SWEs and 2 PMs, and participated in daily scrum meetings to actively communicate and address roadblocks
- Improved the performance and usability of the app by actively searching for bugs and solving them promptly, optimizing certain functionalities to be 2x faster.
- Actively refactored the codebase to promote code readability and ensure best practices, successfully reducing certain file lengths by over 50%.

Warehouse Worker — May 2022 – Aug. 2022
US Elogistics Service Corp — *Monroe Township, NJ*
- Transported packages safely using pallet jacks and forklift
- Communicated effectively with colleagues and drivers across teams to ensure smooth operation and reduce errors
- Organized and tracked the status of truck loading progress and other data using Excel
- Sorted packages into different regions and spot check labels to reduce errors by up to 20%

PROJECTS

Stack Overflow Clone | *MongoDB, Express, React, Node* | [GitHub Link](#)
- A website for users to ask and answer questions. Users also have to ability to comment, vote, create tags, and manage their reputation
- Developed a full-stack web application with Node serving a REST API and React as the frontend
- Implemented user authentication using JWT

Personal Website | *HTML, JavaScript, Bootstrap* | [Website Link](#)
- A portfolio website to showcase my skills and many other projects I've done
- Developed using HTML, JavaScript, and Bootstrap. Hosted on GitHub Pages

MissCounter App | *Java, Android Studio* | [GitHub Link](#)
- An app for couples in long-distance relationships to share love with each other daily
- Developed using Android Studio and Java
- Managed data storage and used intuitive and appealing design.

Sudoku Solver | *HTML, CSS, JavaScript* | [Website Link](#)
- A Sudoku solver web application implemented using a backtracking algorithm
- Developed using HTML, CSS, JavaScript

TECHNICAL SKILLS

Languages: Java, Python, SQL (MySQL), JavaScript, HTML/CSS, Ruby
Frameworks: React, Node.js, Flask, JUnit, Jest, Pytest, Tkinter, PyTorch, Material-UI, Bootstrap, MongoDB
Developer Tools: AWS, Git, VS Code, PyCharm, IntelliJ, Eclipse, Jupyter Notebook
Libraries: pandas, NumPy, Matplotlib, scikit-learn

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate