

Kun Wang, Software Engineer

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EDUCATION

Jan 2023 — Present

Master of Science in Computer Science, Northeastern University

Expected Graduation: May 2025

Major GPA: 3.94/4.0

Aug 2016 — May 2020

Bachelor of Science- Finance, Economics, Case Western Reserve University

GPA:3.70/4.0

SELECTED PROJECTS

Oct 2022 — Present

DandyKing Official Website

PHP

- Successfully integrated Alipay's payment gateway(API), enabling seamless transaction processes for both QR-based payments and online transactions.
- Implemented a robust system to verify the payment status of transactions using the out-trade number, ensuring real-time accuracy in order status updates.
- Ensured that the payment status data between Alipay and our internal databases were synchronized, reducing discrepancies and enhancing the reliability of the system.
- Created detailed documentation for the implemented payment processes and conducted knowledge-sharing sessions to onboard and assist other team members in understanding the new payment functionalities.

May 2023 — May 2023

Appointment Management System

Python

- Developed a comprehensive Appointment Management System, demonstrating strong skills in object-oriented programming and system design.
- Implemented user-friendly functionalities for appointment scheduling, cancellation, and user management, ensuring robust input validation.
- Designed a clear and intuitive user interface, enhancing user experience and system accessibility.
- Ensured code quality and maintainability, adhering to best practices and software design patterns.
- Completed the project within a tight timeframe, showcasing effective time management and problem-solving skills.

Jun 2023 — Jun 2023

Data Breach Notification System

Java

- Developed a command-line application for automated generation and distribution of personalized emails and letters after a data breach at a national insurance company.
- Engineered a solution to extract customer data from CSV files and dynamically populate communication templates.
- Implemented robust error handling and user instructions for improved usability.
- Ensured seamless operations and compatibility across various operating systems.
- Conducted extensive testing and provided comprehensive documentation to facilitate future maintenance.

WORKING EXPERIENCE

Jan 2022 — Dec 2022

Sales Analyst, FOTILE America LLC

NJ Parsippany

- Utilized advanced Excel functions, Python, and Tableau to analyze large datasets, leading to a 15% increase in operational efficiency.
- Led training sessions on data analytics tools and best practices for other business analysts, enhancing team capabilities and performance.
- Collaborated with senior management to identify business needs and opportunities, contributing to the development of the annual strategic plan.
- Created comprehensive documentation, including business requirements documents, process flow diagrams, and user guides.