Yuehao Fu (Kate)

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EDUCATION

Carnegie Mellon University, Heinz College   *May 2023*

Master of Information Systems Management

Coursework: Foundation in Computer Systems, NoSQL Databases, Web Application Development, and Distributed Systems

Shanghai University of Economics and Finance   *June 2021*

Bachelor of Information Management and System

Coursework: Mathematical Statistics, Machine Learning, Java&C++&Python Programming, Algorithms Design, and Database

SKILLS

Programming Language: Java, Python, JavaScript, C, Swift, Dart, Ruby, HTML, CSS, SQL

Web & Mobile Development: Spring, Springboot, Django, Ruby on Rails, Jarkata EE, Flutter

Dev Tools: AWS, Heroku, Docker, Hadoop, Spark, MySQL, MongoDB, Postman, Git, PowerBI

WORK EXPERIENCE

Senuelo Advertising, a creative advertising agency

Software Engineer, Intern | Python, FastAPI, JavaScript, HTML, CSS   *May 2022 – July 2022*

- Implemented a **web service** based on **GPT-3** as an internal system to perform AI article generation from user input prompt.
- Performed **data crawling**, **cleansing**, and applied **natural language processing** model (BERT) for 10k+ published blog posts to categorize keywords, identify hot trends and finetune the generated article.
- Helped the company in less reliance on external article generation products, thereby reducing purchasing costs by **5%**.

Impact, an affiliate marketing company

Solution Architect, Intern | JavaScript, Restful API, Client Communication   *January 2021 – May 2021*

- Communicated with potential clients about their needs and provided them with technical integration plans using **Javascript** and **Restful API** to help them quickly onboard.
- Collaborated with engineering teams from **10+** international companies to integrate their business with the Impact system, including Adidas, DHGate, and OnePlus; Successfully handled the complete integration of **5+** international companies.
- Troubleshoot clients' problems with Postman API data analysis, decreased client resolution time by **20%**.

Accenture, a consulting company | Information Security, Management, Cross-functional teamwork

Information Security & Data Risk Assistant, Intern   *June 2020 – December 2020*

- Conducted audits to track security violations; designed high-quality security maintenance schemes to protect information assets and prepared performance reports on internal and external risk assessments of information and data privacy security.
- Monitored abnormalities in the network, identified potential security issues and provided early warnings to make compliance with GDPR (General Data Protection Regulation), placed 5 high-risk warnings, and took actions to avoid them.

ACADEMIC & PROJECT EXPERIENCE

Capstone Project, MyRadiology360 Mobile APP | Dart, Flutter, Firebase, Figma, Jira   *January 2023- April 2023*

- Developed an educational mobile application for Bayer Healthcare Radiology Department that aimed to help patients with disease prevention, and early detection. Thereby introducing more people into radiology earlier and increasing sales.
- Performed the entire product lifecycle, from requirement analysis and design to development, testing, and handover.
- Used Flutter, a mobile framework, to develop the application, utilized Figma for UI design, integrated Firebase as the backend database, and followed the agile methodology using Jira for project management.

Team Project, FurryWayHome Website | Python, Django, JavaScript, HTML, CSS   *November 2022*

- Implemented a full-stack website for animal adoption and virtual pet raising using Python Django Framework, used JavaScipt with jQuery and Ajax in the front end.
- Integrated Google OAuth, Stripe payment, and Google Map API to enhance the functionality of the website.

Independent, Crowdfunding Website | Java, Spring, Springboot, SpringCloud, Spring Security, MySQL, JavaScript   *June 2022*

- Built a full-stack website for crowdfunding purposes with SpringBoot, SpringCloud, MySql, and JavaScript.
- Realized functions include membership management, authentication, authority management, project initiation, and payment.