Haohong Tan

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SUMMARY OF QUALIFICATIONS

- Self-motivated Software Engineer focused master's student on software development.
- Quickly learn and successful working in both team and self-directed settings. Relevant skills include problem solving, programming, and creative thinking.
- **Languages**: Java, AWS, NoSQL, Relational Database, PHP, CSS, Swift, JavaScript, Racket and Python

WORK EXPERIENCE

ChangJiuTian Medical Technology Company – Zhongshan City, China

Java Full Stack Internship   **May - July 2021**

- Designed and created optimized **HTML** and CSS web pages to display designers' work and products which would bring profit for the company.
- Designed database schema and implemented database functionalities using **MySQL** to display data flow architecture.
- Prepared technical design documents with **UML** diagrams and improved implementation efficiency.
- Worked with executed the classes by using **Junit 4** for accuracy of code and enhanced code execution efficiency by 4 hours per week.

PROJECTS

Indiana University - Bloomington, IN

Tracking Fitness Information App   **May - July 2021**

- Developed applications using **XCode**, Interface Builder, Instruments, Cocoa Touch, and other iOS development tools.
- Created a design built for the iPhone to make it intuitive for the user while making the experience highly engaging.
- Implemented UI design using both Storyboards customizing Navigation Bars and Tab Bars.

Indiana University - Bloomington, IN

Shared Travel Experience Platform   **August 2020 - May 2021**

- Developed and implemented a relational database solution as a member of a four-person team.
- Designed a user-friendly website, including a google login API, resulting in a 15% increase in user clicks.
- Performed **GitHub/GitHub-Desktop** bash and Terminal commands assists in managing and changing our team's code, increasing productivity and time by 20%.
- Built and maintained **SQL** scripts, indexes, and complex queries for data analysis and extraction of various functions.

Indiana University - Bloomington, IN

Personal Web-Page Project   **August 2020 - December 2020**

- Designed web pages and applications increasing user satisfaction by an average of 10%.
- Built user-friendly websites to ensure simple navigation of menus and content for users.
- Performed digital retouching and image editing and utilized **HTML**, **CSS**, **JavaScript**, and **PHP**.

EDUCATION

University of Washington – Seattle, WA   **Expected graduation: June 2023**

Master of Science in Information Management, specialization in Data Science   **GPA: 3.95 / 4.0**

- Courses: Data Science I: Theoretical Foundations, Data Science II: Machine Learning and Econometrics, Foundations of Information Management, Relational Database Management Systems

Indiana University Bloomington - Bloomington, IN   **July 2021**

Bachelor of Science: Informatics, Minoring in Computer Science   **GPA: 3.53 / 4.0**

- Courses: Informatics Capstone, Data Structures, Applied Cloud Computing, Intro to Computer Science, Intro to Software Systems, Mobile App Development, Information Representation, Web Design

VOLUNTEER

Chinese American Social Services Center - Brooklyn, NY   **August 2016 - May 2018**

- Educated a low-income group of 15 elementary students about Algebra 1 in Mathematics, and basic Chinese to children.