

YEO YIHENG

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OBJECTIVE

A driven and highly dedicated individual who enjoys the process of learning and ensures that quality of work delivered is of top standards. A problem solver and a critical thinker. Passionate about developing innovative software and applications to revolutionize the industry.

EXPERIENCE

ByteDance

Jan 2022 – June 2022

Software Engineer Intern (Mobile Android)

- Developed sophisticated software features for TikTok, such as message reactions and activity status
- Implemented rigorous testing and event tracking
- Contributed in bi-weekly sprints and frequent product R&D
- Collaborated with the design and product teams to create a world-class mobile experience
- Maintained the codebase through consistent code cleanups
- Refactored legacy code to improve app optimization and robustness
- Worked closely with senior developers in thoroughly debugging numerous bottleneck bugs

Asia Hydrogen Energy

July 2021 – Dec 2021

Web Developer

- Developed a comprehensive website for a hydrogen energy start-up based in Taiwan
- Utilized Webflow to implement the wireframes done up through collaboration with a designer
- Headed the transition plan of the existing company's domain name
- Implemented scalable, robust, and responsive features of the website
- Conducted and lead frequent meetings to demonstrate site progress
- Trained the in-house developer on the technicalities of the website

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

Aug 2020 – May 2024

Bachelor of Computing in Computer Science

NUS Teaching Assistant for CS1101S

Aug 2021 – Dec 2021

- Taught incoming Computer Science students Programming Methodologies
- Employed an adaptation of JavaScript known as Source to facilitate student's learning
- Conducted 2-hour weekly tutorial sessions for a class
- Graded, evaluated, and assessed student's knowledge
- Tailored lessons to each student's learning progress to ensure maximum learning
- Worked closely with peers and professors regarding the module content
- Obtained extremely positive student feedback on classes taught

NUS Orbital 2021

April 2021 – Sep 2021

- Involved in the advanced category of software development, Apollo 11
- Developed an android navigation application known as MyWay
- Identified the social problem of navigation and provided robust solutions
- Worked with many online APIs to provide accurate real-time data for users
- Developed a clean user interface for an optimal user experience
- Solved real-world issues such as carpark availability and price transparency

Innovation & Design Programme

Jan 2021 – Aug 2021

- Collaborated with various industry partners in solving complex problems
- Innovating ideas to combat societal issues
- Performed low-fidelity user testing
- Showcased high granularity results from testing
- Prototyped a space-efficient study pod

ANDERSON JUNIOR COLLEGE

Jan 2016 – Dec 2017

GCE 'A' Levels

- Attained 4 distinctions at the GCE 'A' Levels (2017)
- Represented AJC in the NTU-NUS Astro Challenge (2017)
- Attained a credit in the University of New South Wales English Competition (2016)

Leadership Experience & Awards

- Anderson Junior College Contribution Award (2017)
- Obtained Singapore School Sports Council Colours Award for Sporting Excellence (2017)
- Obtained Certificate of Excellence in Hockey (2017)
- Clinched the Championship for Bowl Tournament in A' Divisions Hockey (2016)

SKILLS & INTERESTS

- Language fluency: Effectively bilingual in English and Mandarin
- Programming languages: Java, Kotlin, HTML, CSS, Javascript, C, Python
- Interested in the FinTech sector and the blockchain
- Currently working on a web development course by The Odin Project