CHAN YI XUAN

CONTACT

📅 02 Jan - 30 May 2024 (PT- 3 Days)
04 May - 17 Aug 2025 (Full Time)

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🌐 http://www.yixuanchan.com

🐙 https://github.com/yixuan0922

PROFILE

Passionate about technology and driven by the desire to create positive change, expertise in both frontend and backend software development fuels the crafting of captivating interfaces and the resolution of complex challenges in every line of code.

As a software programmer, proficiency extends to building innovation with an entrepreneur mindset, embodying commitment to a future where technology empowers and inspires.

EDUCATION

Singapore Management University

Bachelor of Science (Information Systems)
2022 - Present

Singapore Polytechnic

Diploma in Engineering with Business
2017 - 2020
Grades: 3.7/4.0
- Director's Honour Roll 2020
- Certificate of Achievement 2020
- Good Progress Award 2020

SKILLS

- Programming Languages
  - JS, Java (OOP), Python, PHP
  - ReactJS, ReactNative, VueJS,
  - NestJS (TS), ExpressJS, SpringBoot, Flask
  - Postgres, MongoDB, SQL
  - Docker
  - Puppeteer (Web Scraper), Telegram Bot
  - Langchain
  - Jest (e2e Testing), RESTler (Fuzz Testing)
- UI/ UX Design
- Excel
  - Visual Basic for Application (VBA)

ACHIEVEMENTS

VMWare x Dell Tanzu Award
- Top 5 in Cohort

P.A.K Challenge 2023
- 1st Runner Up (Amongst 50+ teams)
- Awarded $12.5K incubation funds
- Incubated by SMU Business Innovations Generator

HEAP 2023 Hackathon
- 2nd Runner Up (Amongst 50 teams)

Ellipsis Tech Series Hackathon 2023
- Top 5 (Amongst 40 teams)

WORK EXPERIENCE

PhillipCapital
May *2024 - Present*

Internship (Software Engineer) -- May - Aug 2024

- Spearheaded the Automation of department's ecosystem and processes to improve efficiency and productivity
- Developed multiple solutions with Visual Basic Applications to automate manual data processing
- Streamlining the interaction between processes and the database effectively reduced human errors, resulting in a substantial unrealized savings of USD$336,000.

LEADERSHIP

PRESIDENT

SMU SCIS Freshmen Orientation Camp
Feb 2023 - Aug 2023

- Engineered an unprecedented orientation for 500 freshmen, leading a dynamic team of 150 individuals
- Mastered robust interpersonal and leadership skills to orchestrate a strategic vision, overseeing the entirety to ensure seamless execution
- Pioneered a new era and empowered the incoming class through innovative initiatives, setting a standard for inclusive and impactful orientation experiences

PROJECTS

FOMO - CrowdSourcing Local Discovery App
- Secured 2nd Runner-up at Heap 2023 Hackathon
- Role: Lead Developer, Product Manager
  - Led a 3-member team to develop a React Native app, utilizing WebSocket for MongoDB communication.
  - Employed AWS S3 and Heroku for efficient hosting, integrated Geolocation API for real-time engagement.
  - Implemented web scraping for additional live event updates with Puppeteer and GramJS.

SG <-> JB Train Tickets Copping Bot (@ktmb_train_bot)
- Role: Core Developer- Backend
  - Monthly average of 1095 monthly users on Telegram
  - Developed cutting-edge ticket acquisition platform using scraping, MITM Proxy, CURL Tokens.
  - Achieved 100% success rate in securing highly sought-after and last-minute tickets
  - Integrated Telegram bot and web app with Stripe to streamline purchasing process