SAM ZHUO LI

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EDUCATION

University of Malaya (Kuala Lumpur, Malaysia)   Sep 2020 - Present
Bachelor of Computer Science (Artificial Intelligence) | JPA Scholar   CGPA: 3.96/4.00

WORKING / PROJECT EXPERIENCES

DoctorOnCall - Software and Data Intern   Jul 2022 - Dec 2022
- **Tech Stack**: Next.js, Express.js, GraphQL, SQL, Python, GCP, Puppeteer.js
- Conducted analysis on doctor consultation data, identified poor performing doctors
- Refactored core Shopify client REST API to GraphQL, improved web performance
- Scraped more than 1k pages data on Yellow Pages, identified potential collaborator
- Automate workflow to perform data cleaning and mailing, saved up 30 mins work per day

University of Malaya - Teaching Assistant   Mar 2022 - Present
- Data Structure and Algorithm class (Lecturer: Dr. Ong Sim Ying)
- Teach lab session and set up assignment questions

AWARDS
- 2nd Place in IEEEXtreme International Competitive Programming Competition 15.0 (National)
- 2nd Place in UM Hackathon 2022 (National)
- Top 5 in Varsity Hackathon USM 2022 (National) Youtube, Figma
- Top 6 in Ace Hackathon 2022 (National)
- Top 8 in National Fintech Codeathon 2022 (National) Prototype, Github

COMMUNITY ACTIVITIES
- Tech Talk Core Team - Google Developer Student Club 2021/22
  - Hosted more than 5 tech talks for over 200 students
- Workshop Speaker - Project J 2021
  - Taught basic Java programming concepts to over 50 secondary school students

PORTFOLIO & PROJECTS
- **Dog Breed Classifier**
  - ML app that classifies dog breed with image- this
- **SupaVacation**
  - Online marketplace for vacation rentals - this
- **AllSight**
  - Analytics dashboard that helps improve website performance- this

TECHNICAL SKILLS

Frontend	Backend
JavaScript, TypeScript, React.js, Node.js, HTML, CSS	Node.js, Firebase, MySQL, PostgreSQL, Rest API, GraphQL, Redis, FastAPI, Java

Machine Learning	Others
Python, TensorFlow, PyTorch, Scikit-Learn, Numpy, Pandas, Scikit-Learn, spaCy, NLTK	Git, Docker, Kubernetes, Nginx, GCP, BigQuery, Puppeteer.js, Figma

SPOKEN LANGUAGES
Mandarin (Native), English (Professional - MUET Band 5), Malay (Conversational and Written), Cantonese (Conversational)

Updated: June 2023