

Ho King Honh (Larry)

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EDUCATION

Singapore Institute of Technology - ASEAN Scholarship Holder <i>BSc with Honours in Computing Science</i>	Expected Grad. Date: Jun. 2026 <i>Singapore</i>
INTI International College Subang - Merit Scholarship Holder <i>A-Levels</i>	Jan. 2021 – Jun. 2022 <i>Subang Jaya, Selangor</i>

RELEVANT EXPERIENCE

Coding Tutor <i>Logiscool</i>	Oct. 2023 – Jun. 2024 <i>Singapore</i>
<ul style="list-style-type: none">• Taught groups of children aged 7-15 on basic programming concepts through a series of trial classes and coding bootcamps	
Student Volunteer <i>Flipbizz</i>	<i>Kuala Lumpur</i>
<ul style="list-style-type: none">• Built a marketing portal MVP in 1.5 months while learning PHP and MySQL• Designed the database schema to match company functionality requirements• Assisted in enhancing mobile application UIs with Figma	

WORKING EXPERIENCE

Mathematics Tutor	May 2024 –
<ul style="list-style-type: none">• Tutored primary and secondary school students to achieve 15-20% mark improvement in their examinations	

PROJECTS

Spotify Recommendation System <i>Python, HTML5, CSS3, JavaScript, Docker, Kubernetes, gRPC</i>	
<ul style="list-style-type: none">• Spearheaded the development of the application by training the model with song features using Principal Component Analysis and K-Means Clustering• Implemented gRPC to streamline the data transfer between the model and the application, Docker and Kubernetes to provide scalability and fault tolerance	
Currency Converter <i>Python</i>	
<ul style="list-style-type: none">• Implemented ExchangeRate-API to retrieve historical currency exchange rates to be displayed using Tkinter with Matplotlib	
Simon Says <i>HTML5, CSS3, JavaScript, Node.js, Express, MySQL</i>	
<ul style="list-style-type: none">• Stored player usernames and scores on MySQL database to be displayed on a leaderboard with RESTful API	
LRU Algorithm Learning Game <i>HTML5, CSS3, JavaScript, ElectronJS</i>	
<ul style="list-style-type: none">• Implemented LRU algorithm in JavaScript and designed the application to maximize learning experience	

LEADERSHIP POSITIONS

Mindsports Club President	2024
<ul style="list-style-type: none">• Helped to increase member size by 60%, held weekly sessions and actively participated in tournaments• Lead the preparation of an annual university-wide chess tournament with the organizing committee	
Graphics Design Club President	2020
<ul style="list-style-type: none">• Planned Adobe Photoshop tutorials for 30+ members• Spearheaded the preparation of a speed typing tournament in conjunction with a school-wide exhibition	

CERTIFICATIONS

Machine Learning - Stanford University	Oct. 2022
Python for Everybody - University of Michigan	Aug. 2022

TECHNICAL SKILLS

Languages: Python, HTML5/CSS3, PHP, JavaScript, GNU Octave, SQL, Java
Frameworks and Libraries: Bootstrap, Tkinter, jQuery, Matplotlib, Node.js, Express, EJS, gRPC
Tools: Visual Studio Code, WampServer, Git, Figma, Docker, Kubernetes