

## EDUCATION

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- **Singapore Management University** Singapore  
*Bachelor of Science in Computing and Law; GPA: 3.55/4.0* Aug. 2023 – Aug. 2026
- **Anglo-Chinese School (Independent)** Singapore  
*International Baccalaureate Diploma Programme; Points: 44/45* Jan. 2019 – Nov. 2020

## AWARDS

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- **SMU Global Impact Scholarship Award** Singapore  
*Premier flagship scholars' award* Aug. 2023 – Aug. 2026
- **MOE EAGLES Award** Singapore  
*Edusave Award for Achievement, Good Leadership and Service* Jan. 2020
- **Deans List: HL Economics, HL Literature** Singapore  
*Anglo-Chinese School (Independent) IBDP* Nov. 2019

## EXPERIENCE

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- **The Yap Labs** Singapore  
*Co-founder and Tech Development Head* Jan. 2024 - Present
  - **FlutterFlow**: Adopted no-code framework to rapidly push out MVP for market valuation.
  - **Flutter, Dart**: Collaboratively developed the Yap.com mobile app.
  - **JavaScript, HTML, CSS**: Wrote and deployed the organisation website.
- **SMU Legal Innovation and Technology (LIT)** Singapore  
*Tech Development Director* Aug. 2023 - Aug. 2024
  - **Wix**: Updated and deployed LIT website per modern UI/UX web design philosophies.
  - **Software development**: Authored and Coauthored open-source projects simplifying lawyering for law students.
- **Tong Eng Group** Singapore  
*Property Development Intern* Nov. 2018 - Dec. 2018
  - **Microsoft 365 Suite**: Leveraged Microsoft Excel, Word and Powerpoint to sterilize data, compile summary analysis, and produce pitch decks of findings.
  - **Legal administration**: Assisted processing of legal documents for handover of properties.

## PROJECTS

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- **Yuh0**: DSL providing a programmatic representation of Singapore Criminal Law.
- **DC4U**: Drafts legal charges by transpiling a human-readable markup language to multiple target formats.
- **JudgeMan**: Browser extension that parses and formats Litigation cases for readability.
- **Skill Hunter**: Browser extension that optimizes SSO legislation for absorption by sanitising legalese.
- **Euclid**: Extended syntax for accessible mathematical expressions in markdown.
- **Gitfetch**: Grabs snapshots of Github profiles in the CLI.
- **Thoth**: Comprehensive library of Lua helpers for math and graphics rendering adhering to functional paradigms.
- **Ooe**: Small markup language that transpiles to HTML.

## PROGRAMMING SKILLS

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- **Languages**: Python, Go, JavaScript, PHP, SQL, Dart, Haskell, Rust, OCaml, C++, Lua
- **Technologies**: Svelte, React, Flutter, Laravel

## LAW SKILLS

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- **General**: Legal writing and research, Drafting charges
- **Domain-specific**: Singapore Contract law, Singapore Criminal law

## CERTIFICATIONS

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- **Data Analytics Specialization:** Google-instructed, Microsoft Excel, Data Classification, SQL, Tableau, R, R Markdown, Data Storytelling
- **Advanced Data Analytics Specialization:** Google-instructed, Python, NumPy, Pandas, Seaborn, Matplotlib, Exploratory Data Analysis, Regression Analysis, Predictive Modeling, Cluster Analysis, Signal Processing
- **Advanced Infocomm Technology:** Cisco Network Configuration 3, Administration and Maintenance 3, System Integration 3, Security Administration 3, Problem Management 3
- **Cybersecurity Specialization:** Google-instructed, Python, SQL, Bash, Kali Linux, Packet Tracer, Internet Protocol Suite, Network Infrastructure Architecture, Cryptography, VAPT, NIST, CTI, SIEM, IDS, IPS
- **Introduction to Cybersecurity Tools & Cyber Attacks:** IBM-instructed, Metasploit, OpenVAS, Burp Suite, Wireshark
- **.NET Full Stack Foundation:** C#, ASP.NET toolchains, .NET framework components, .NET Core
- **Building Full Stack Web Applications in PHP:** SQL, PHP, Apache, Nginx
- **Arm Cortex-M Architecture and Software Development Professional Certificate:** ARM Cortex-M, C-arm, ARM Architecture, ARM Assembly
- **How Computers Work:** Computational mathematics, Embedded systems, Computer architecture
- **UX Design Specialization:** Google-instructed, Figma, Wireframing, UED, Storyboarding, Usability Testing, Empathic Design
- **Principles of UX/UI Design:** Meta-instructed, UX/UI fundamentals, AutoCAD, Figma
- **Typescript for Professionals:** Safe, efficient, functional front-end code
- **Project Management Specialization:** Google-instructed, Microsoft Excel, Tableau, SaFe, SOS, LeSS, DAD, Lean Six Sigma, Gantt Project
- **Digital Marketing & E-commerce Specialization:** Google-instructed, Microsoft Excel, Figma, Google Ad Planner, Search Engine Optimization, Customer Relationship Management, Copywriting
- **Introduction to Artificial Intelligence:** IBM-instructed, Tensorflow, Large Language Models