

ARTHUR TENG

Mobile: 88694566

Email: arthurteng@outlook.com

<https://github.com/archonward>

<https://www.linkedin.com/in/arthur-teng-bb09b7271/>

EDUCATION

National University of Singapore

Aug 2024 - May 2028

Bachelor of Computing in Computer Science

- GPA : 4.15 / 5.0

Hwa Chong Institution

Jan 2016 - Dec 2021

GCE A-Level — (Physics, Chemistry, Mathematics, Economics)

- Recipient of All-Round Excellence Award

CORE COMPETENCIES

- React components, routing, state management
- Java
- Vue 3, Composition API
- REST API integration, Node/Express REST APIs
- Authentication using JWT and sessions
- SQL/NoSQL CRUD , data modelling
- OWASP security basics

PROJECT EXPERIENCE

Software Engineering Team Project, *Full-stack*

Feb 2026 - Apr 2026

- Built LeTutor, a Java desktop app using MVC architecture to manage students, assignments, and milestone tracking via a command-line interface
- Implemented core backend logic including command parsing, data modelling, and filtering, with a focus on clean and maintainable code

ART Analytics, *Full-stack*

Feb 2026 - Mar 2026

- A full-stack equity research platform using React/Vite and Node.js/Express, with dynamic JSON-based report loading, schema validation, audit tooling, and a modular frontend architecture for rendering structured stock research reports
- Integrated AWS S3 for scalable report storage and DynamoDB-backed API key authentication to secure all research endpoints from unauthorised access

ArtFolio, *Full-stack*

Dec 2025 - Feb 2026

- A full-stack web app using React, Node.js, and MongoDB Atlas, featuring portfolio snapshot upload, archived SPY/QQQ market data tracking

ArtHub, *Full-stack*

Aug 2025 - Dec 2025

- A full-stack web application built with Vue 3, TypeScript, Go, and SQLite, designed as a company-centric discussion platform supporting structured user-generated insights alongside equity research
- Applied security-focused development practices informed by experience with role-based access control, least-privilege principles, and web application security testing tools such as Burp Suite and Caido

INTERESTS

- Self-taught PostgreSQL to strengthen practical understanding of relational databases, SQL querying, schema design, and data management concepts

WORK EXPERIENCE

PatSnap (Singapore), *Software Engineer Intern*

Nov 2025 - Jan 2026

- Software Engineering Intern at PatSnap developing AI-driven web interfaces using Vue.js, TypeScript, and REST APIs for interactive data and agent-based systems

RSAF (Singapore, Singapore), *Pilot Trainee*

Jul 2022 - May 2024

- Honing situational awareness: tracking multiple variables in dynamic environments; prioritising what matters
- Inculcating debrief culture: reflect on errors, extract lessons, implement improvements