

Aron Teh

Software Engineer

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I am a self-taught programmer. In the summer of 2020, I went from my first line of code to securing an offer for a full time software engineering position in 4 months.

Technologies

Angular

React (Next)

Git

Firebase

Tailwind

CI/CD

Bash

Flutter

Gradle

Scrum

Docker

Flask

Programming Languages

HTML ● ● ● ● ●

CSS ● ● ● ● ●
Sass, Less

JavaScript ● ● ● ● ●

Typescript ● ● ● ● ●

Python ● ● ● ● ●

MATLAB ● ● ● ● ●

SQL ● ● ● ● ●

Java ● ● ● ● ●

Dart ● ● ● ● ●

R ● ● ● ● ●

C++ ● ● ● ● ●

C# ● ● ● ● ●

Professional Experience

THG

Graduate Software Engineer

Sep 2021 – present | United Kingdom

- Developed backend GraphQL APIs, and performed a customer database migration for a recent acquisition
- Building client-facing user interfaces for an internal tooling platform using Angular 13

Education

Imperial College London

Aeronautical Engineering (Master of Engineering)

Sep 2017 – Jun 2021 | London, United Kingdom

Masters Thesis: Explored and built a parallel solver for sparse conic optimisation problems using the Alternating Direction Method of Multipliers

Concordia International School Shanghai

High School Diploma

Aug 2013 – Jun 2017 | Shanghai, China

Technical Side Projects

I enjoy coding projects in my free time to explore new languages, frameworks and technologies. Here are my favourites, and the rest are on my website

Online Chat Application

React, TypeScript, Python, Flask, SQLite

A single room chat application where users can connect with a username and chat with others. Hosted using GitHub pages with a backend SQL database deployed with Heroku.

Social Links Portfolio Site

React (Next), TypeScript, Vercel, Tailwind

A 'Linktree-like' social links portfolio site built for a close friend. Implements dynamic theming with Tailwind.

Travelling Salesman Problem Visualiser

Angular, TypeScript

A interactive visualisation of 9 different brute force and heuristic algorithms for the Travelling Salesman Problem.

Quiz App

Flutter, Dart, Firebase

A cross-platform application with various quizzes and topics. Users can authenticate and track their progress

Interests

Chess

- Youngest ever Malaysia National Chess Champion (2013)
- FIDE Master (International Title)
- World Chess Olympiad Participant (Norway 2014)
- President of Imperial College Chess Club (2018-2019)

Languages

English (Native), Chinese (Native), Spanish (Beginner), Cantonese (Beginner)