

# Aron Teh

## Software Engineer

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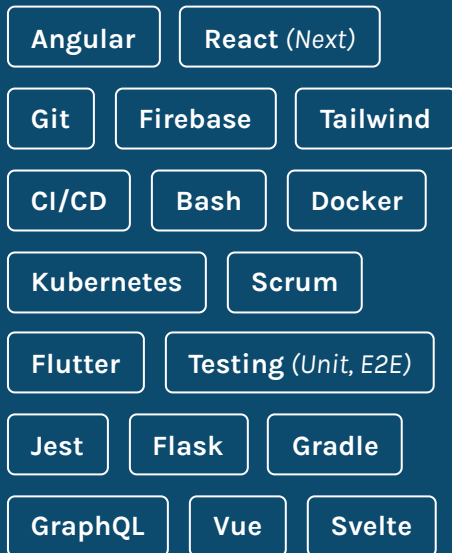
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I am a self-taught programmer and a very fast learner. In 2020 summer, I went from my first line of code to securing a full time software engineering position in 4 months.

Technologies and languages listed in decreasing order of proficiency

### Skills and Technologies



### Programming Languages



### Languages

English (Native Proficiency)

Chinese (Native Proficiency)

Spanish (Beginner)

Cantonese (Beginner)

### Professional Experience

#### THG

Software Engineer

Sep 2021 – present | United Kingdom

- Developing and maintaining an Angular component library and Java backend to be used by multiple internal teams.
- Working alongside UX designers to build Angular UIs for a content management system used by over 90 company clients.
- Performed an end-to-end customer profile SQL database migration for a recent company acquisition.
- Developed GraphQL APIs for THG's e-commerce platform.

### Education

#### Imperial College London

Aeronautical Engineering (MEng, Master of Engineering)

Sep 2017 – Jun 2021 | London, United Kingdom

Notable Modules: Introduction to Computing, Mathematics, Numerical Analysis, High Performance Computing, Control Systems, Applied Computational Aerodynamics, Optimisation.

#### Concordia International School Shanghai

High School Diploma - Advanced Placement Examinations

Aug 2013 – Jun 2017 | Shanghai, China

### Technical Projects

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

#### NanoNote

Angular, TypeScript, Firebase, Tailwind, Angular Material

A lightweight and responsive web application for managing simple notes. Once authenticated with Firebase, users can create, update, delete, sort and categorise unlimited sticky notes in an intuitive and minimalistic UI.

#### TurboFile

React (Next), TypeScript, Firebase, Tailwind, Material UI

A responsive web application that allows users to upload and share large files almost instantly. Users can additionally authenticate with Google to view and manage uploaded files.

#### Online Chat Application

React, TypeScript, Python, Flask, SQLite, Material UI

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.

#### Travelling Salesman Problem Visualiser

Angular, TypeScript, Angular Material

A interactive visualisation and explanation of various heuristic and brute force algorithms for the Travelling Salesman Problem.

#### Quiz App

Flutter, Dart, Firebase

A cross-platform application with multiple interactive quizzes. Authenticated users can view and manage their quiz progress.

### Interests

#### Chess

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