

David Choo

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Education

National University of Singapore

UNDERGRADUATE - BACHELOR OF COMPUTING IN INFORMATION SYSTEMS

Singapore

Aug 2017 - Jan 2021 (expected)

- Current CAP - 4.03 out of 5.
- Lead a team of 5 for a software engineering module, working with a 10KLoC codebase

Singapore Polytechnic

DIPLOMA IN INFORMATION TECHNOLOGY

Singapore

Apr 2014 - May 2017

- GPA - 3.84 out of 4.
- Received Director's Roll during my first year of study awarded to top 10% of cohort.

Skills

Programming

Javascript, Java, C++, C#

Web

Vue, Jekyll, SCSS, HTML/CSS, Express, .NET Core

Databases

Firebase, MongoDB, Postgres, MySQL, MSSQL

Experience

UX Consulting

DEVELOPER INTERN

Singapore

Oct 2016 - Feb 2017

- Experimented with MEAN (Mongo, Express, Angular, Node) stack to implement a prototype internal website for calendar booking.

Projects

Video Auto Caption

DEVELOPER

Singapore

Jan 2018

- Implemented a video captioning system prototype using Google Speech API and FFmpeg.
- Winning submission for Hack&Roll 2018, my first solo hackathon. Top 8 out of 120 teams.

Nyx - Artificial Intelligence

FRONTEND DEVELOPER

Singapore

Apr 2016 - Aug 2016

- Designed and developed a web chat UI, taking inspiration from Telegram and WhatsApp Web.
- Researched and integrated Firebase realtime database for the chat UI.
- Final Year Project which won SiTF and Microsoft Imagine Cup awards.

Extracurricular Activity

Microsoft Student Partners

MEMBER

Singapore

Jul 2014 - Apr 2017

- Assisted in events evangelising Microsoft technologies to the campus.

SEED Student Interest Group

MEMBER

Singapore

Jun 2014 - Apr 2017

- Participated in numerous meetups and hackathons to explore the tech industry outside of school environment.
- Assisted in curating teaching materials for the newly launched .NET Core framework at that time.

Awards

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| 2018 | Top 8 Winner , Hack&Roll 2018 hackathon | Singapore |
| 2016 | Gold Award , SiTF Awards | Singapore |
| 2016 | National Champion , Microsoft Imagine Cup National Final - Innovation Category | Singapore |
| 2015 | Proxor 2 - overall score 0.93 , Proxor Software Developer Examination for Java | Singapore |