

WANG JIEFAN

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nafeij.me/

EDUCATION

NUS High School of Mathematics and Science

Clementi

- Majors in Mathematics, Physics, Chemistry
- Debate and Oratorical Society, Executive Council (2016), Member (2013-2018)

National University of Singapore

Kent Ridge

Major in Computing Science (Sophomore)

STACK AND EXPERIENCE

- Proficient in C++, Java, Javascript, Python, Pytorch, CSS, Android SDK, GIMP, Blender and DaVinci Resolve
- Fluent in English, conversant in Chinese

PROJECTS AND CONTRIBUTIONS

Knuckleclone

Web-based adaptation of the dice minigame from Cult of the Lamb (2022)

<https://github.com/Nafeij/kbclone>

Paper: Towards 3D Image Analysis of Multicellular Tumor Spheroids (2018)

Extracting features of imaged cross-sections of MCTS to correlate to drug response.

https://drive.google.com/file/d/1mYW7v9tuhdy4PRyHg_-yzCw_zE6vh2Ie/view?usp=sharing

EMButton (2016 - 2017)

An Android app-based SOS panic button that sends a custom GPS-tagged text message to emergency services.

<https://github.com/RuerainElonwyn/embutton>

Banner Saga Web Map (2018 - Present)

Web version of map of The Banner Saga video game, using React.js

Code - <https://github.com/Nafeij/the-banner-saga-web-map>

App - <https://nafeij.github.io/react-map/>

Video Game Mods (Various)

I reverse-engineer and modify video games in my spare time.

The Banner Saga (2018 – 2020)

- <https://www.nexusmods.com/thebannersaga/mods/1>

Journey (2020 – Present)

- <https://www.nexusmods.com/journey/mods/1/>

War on the Sea (2021 – Present)

- <https://steamcommunity.com/app/1280780/discussions/3/5671690972174045737/>

Other Projects (Pytorch, CSS and React.js): <https://github.com/Nafeij>

I also volunteer as a SmartNation Ambassador and Meals on Wheels partner at volunteer.gov.sg

ACHIEVEMENTS

National Infocomm Competition 2016

Second Place, Most Innovative

Nanyang Polytechnic, Ang Mo Kio

SiTF Awards 2016

Best Innovative ICM Student Project (Finalist)

MediaCorp Centre, Commonwealth

DSO STAR Award

NUS High School of Mathematics and Science, Clementi

Singapore Pre-University Seminar 2017

Participation (Team Leader)

Code::XtremeApps:: Competition 2016

Open Category (Participation)