

Portfolio: gernene.com

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Phone: +65 8845 9938

Passionate full-stack developer / designer. I want to use my interdisciplinary skills and global experience to build something great!

Skills/Technologies: JavaScript (Vanilla, React, NodeJS, JQuery), Ruby on Rails, HTML, CSS, Python, Java, C++, PHP, MongoDB, SQL, GraphQL

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
Computer Science
2020-2023

- Programming Methodology II
- Discrete Structures

UNIVERSITY OF COLORADO BOULDER
Computer Science
Sophomore | GPA 3.94
2019-2020

- Programming & Data Structures
- Computer Systems

WORK & EXPERIENCE

WORKIVA

Connected Reporting

workiva.com

Engineering Intern

Summer 2020

- Built link parser and notifications for chat messages
- Helped refactor complex module code
- Utilized DartJS to contribute to multi-repo code base

HALP

Conversational Ticketing

halp.com

Engineering Intern

May 2019 - March 2020

- Built Microsoft Teams & Jira integrations
- Developed UI for Halp Answers
- Built custom web editor
- Helped implement UI redesign & fixed bugs
- Shipped color picker and custom bot messaging
- Utilized NodeJS, React, MongoDB, Postgresql, GraphQL, various APIs

DOCFORGE

Documentation Tool

docforge.dev

Cofounder & Design Lead

May 2019 - March 2020

- Winner & audience choice - Silicon Flatirons Startup Summer (~5k funding)
- 2nd place - CU New Venture Challenge (~30k funding)
- Designed & implemented product UI
- Utilized NodeJS, React

FAIRVIEW WEB TEAM

fairviewhs.org

Co-Leader & Web Master

2017-2019

- Led responsive redesign & content restructure
- Supported ~40 000 users and 550 000+ views / mo
- Helped develop and maintain web app
- Utilized Ruby on Rails, Postgresql
- Built NodeJS + React Silent Auction web app

FREELANCE WORK & PROJECTS

- **Sarea:** Digital business card app demo/sandbox (React)
- **Jelly-Do:** Jelly-themed to-do list app (NodeJS + React)
- **Journal Supplies Co:** Ecommerce web app for stationery enterprise (NodeJS)
- **Operation Give Back:** Volunteer match site for students (Ruby on Rails)
- **DDCC:** Tech club-themed visual novel that responds to changes players make to actual game files (Python)
- **Solisles:** Fantasy virtual pet site (PHP)

ADDITIONAL SKILLS

- Digital and traditional art, graphic design
- Writing (technical content and fiction)
- Global academic and work experience