Hong Sng

Software Developer

412-251-9018

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developer portfolio

[in] [GitHub]

EDUCATION

Raffles Institution, Singapore — *Cambridge 'A' Levels (7 'A's)*

DEC 2018

Carnegie Mellon University, Pittsburgh — *B.S. in Information Systems*

MAY 2024

EXPERIENCE

Novena Furniture, Singapore — *Front-End Developer*

NOV 2020 - APR 2021

- ➢ Oversaw transition from traditional business model to E-Commerce
- ➢ Built digital storefront that increased post-pandemic sales by **20%**
- ➢ Implemented responsive web design and mobile optimization
- ➢ Used: HTML, CSS, JavaScript, React and Shopify (Liquid and SCSS)

Novocall, Singapore — *Software Developer*

MAY 2021 - AUG 2021

- ➢ Integrated customer relationship management tool with WhatsApp, Telegram, Shopify and EasyStore
- ➢ Improved product market share in Shopify and EasyStore by **10%**
- ➢ Experienced Agile Scrum methodologies at a mid-stage software startup
- ➢ Used: React, Ruby on Rails, Postgresql, JS libraries (jQuery, Axios)

PROJECTS

E-Commerce Project with Nextjs

FEB 2021 - APR 2021

E-Commerce site built with React, Nextjs and styled with Tailwind. Integrated with Airtable for database management and Stripe for checkout. See the live demo.

Homebound

FEB 2020 - AUG 2020

Intergalactic space chase coded in C# and Unity 3D. Its breathtaking galaxy awaits your exploration.

Project Sushi

NOV 2019 - JAN 2020

Light-hearted arcade game built with Unity 2D and C# scripting. Play as a tiny human escaping obstacles on a sushi conveyor belt here!

COURSEWORK

Fundamentals of Programming, Concepts of Mathematics (Fall 2021)

Principles of Imperative Computation, Functional Programming (Spring 2022)

SKILLS

Full-Stack Web Development

Game Design

E-Commerce

STACK

HTML5, CSS3

JavaScript (ES6)

React (Hooks)

Python 3

C#

Ruby on Rails

APPLICATIONS

Unity 2D, 3D

LANGUAGES

English

Chinese

Japanese