

# Sonia Yeung

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## PROFESSIONAL EXPERIENCE

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### Software Engineer — *Custonomy Company Limited, Hong Kong*

Mar 2022 – Mar 2023

- Develop and maintain an administrative portal using React TypeScript, Node.js, PostgreSQL and Docker to facilitate efficient internal database management
- Develop and maintain Web3 solutions, including an Ethereum provider, a cross-platform Web3 widget and a full-stack decentralized app boilerplate, all of which has been released to over 10 business partners
- Refactor and maintain a cross-platform large-scale crypto-asset management desktop app using React TypeScript and Electron
- Contribute to sprint planning, frontend architecture design and technical documentation

### Frontend Developer (Part-time) — *BIT App Limited, Hong Kong*

Nov 2021 – Mar 2022

- Worked on an educational quiz web application in React TypeScript

### Frontend Developer (Internship) — *viAct.ai, Hong Kong*

Jun 2021 – Oct 2021

- Revamped and maintained an administrative portal with data analysis using React TypeScript and MobX
- Developed a web application using React TypeScript, Flask, MySQL and MongoDB to automate AI model training processes
- Performed unit testing on React projects using Jest and Enzyme for a cycle time reduction in the development process

### Software Developer (Internship) — *Itinni Limited, Hong Kong*

Apr 2020 – Sep 2020

- Enhanced a travel planner website using Vue, GraphQL and Strapi with extra focus on UI/ UX optimization
- Delivered tasks and collaborated with team members under agile framework

## SELECTED PROJECTS

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### Health Care Mobile App with Skin Cancer Detection — *Final Year Group Project (Final Grade: A)*

[@Demo](#)

- Cross-platform mobile app with AI module using React Native, TypeScript, Flask, MongoDB and Google Cloud Platform

### NFC Smart Lock App with Dynamic Access Control — *Group Project (Final Grade: A)*

[@Demo](#)

- Android app using Java, Ruby on Rails, PostgreSQL and Firebase

### Shopping Website with Admin Panel — *Individual Project (Final Grade: A)*

[@Demo](#)

- Secure E-commerce website with PayPal integration using React TypeScript, PHP, MySQL and Apache hosted on AWS

## EDUCATION

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### The Chinese University of Hong Kong — B.Sc. in Computer Science

2018 –2022, Upper Second-Class Honours (Major GPA: 3.5/4.0)

- Secretary — *The 42nd Computer Science Society of The Chinese University of Hong Kong*

## RELEVANT SKILLS

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**Programming Languages:** JavaScript / TypeScript / Python / Java / C / PHP

**Frontend Development:** HTML / CSS / SCSS / jQuery / React / Vue / Ionic / Svelte / Vite / Next.js / Electron / Frontend Architecture and Component Design

**Backend Development:** Node.js / Express / Flask / Strapi / RESTful API Design

**Mobile App Development:** React Native / Android Development (Java)

**Datasbase:** MongoDB / MySQL / PostgreSQL / GraphQL / Database Schema Design

**Cloud Services:** Firebase / Google Cloud Platform / AWS / Heroku / Vercel

**Others:** Git / Linux / Docker / Web3 Development / Socket Programming / Technical Documentation / Web Security / Unit Testing

**Languages:** Cantonese / English / Mandarin