

Vincent Chau

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Web: vincentczhou.github.io

Projects

vincentczhou.github.io | Personal Portfolio

Nov. 2022 – Present

- Designing an interactive web portfolio using React and Material UI from scratch
- Developing efficient, scalable code to minimize rendering time and provide ease for updates

Bellevue College InfoSec Club Website | Full-Stack Web Application

Nov. 2022 – Present

- Creating original “capture the flag”-style cybersecurity challenges for club members to practice with
- Implementing a Next.JS backend to handle user input “flag” verification
- Collaborating with others to streamline an efficient deployment system using Continuous Integration and Git

MaiHome | Arcade Machine Hardware

Sep. 2020 – Present

- Utilizing I2C bus with Arduino to interface with and emulate commercial hardware
- Researching existing hardware architecture for a non-documented system
- Troubleshooted hardware issues involving software and hardware integration
- Working with a multilingual international team to develop consumer cost-friendly solutions

MaiTools | Full-Stack Web Application

Jan. 2020 – Jul. 2020

- Created an original frontend using a server-side template engine and vanilla JavaScript to facilitate user input
- Implemented an Express.JS backend to decrypt and translate user data
- Utilized a Node.JS foreign function interface mechanism to enable integration of an existing C++ library into the backend

Pilplup Support | Discord Bot

Sep. 2018 – Jul. 2019

- Integrated Discord API to execute user-triggered functions and handle data
- Built a platform to manage real-time auctioning of virtual merchandise

Experience

Meet Fresh | Barista

Sep. 2018 – Apr. 2020 | Bellevue, WA

- Independently managed a storefront while making orders in fast-paced conditions

Regal Cinemas | Floor Staff

Nov. 2017 – Feb. 2018 | Issaquah, WA

- Served customers and actively communicated with superiors in a commercial setting

Evangelical Chinese Church | Taiwan/AWANA Youth Leader

Sep. 2015 – Jul. 2017 | Redmond, WA and New Taipei City, Taiwan

- Multitasked by managing program tasks while supervising multiple children
- Organized English classes and extracurricular activities for underprivileged Taiwanese middle school students

Education

Bellevue College

Bellevue, WA

A.S. in Engineering

Expected Jun. 2023

GPA: 4.0

Coursework

Multivariable Calculus •
Statistical Analysis •
General Engineering
Physics • General
Chemistry • Cellular
Biology • Fundamentals of
Computer Science

Skills

Technical Languages

CSS • HTML • JavaScript •

Java • Python

Frameworks/Tools

Node.JS • Next.JS • React •

Git

Software

Adobe Photoshop • Adobe

Illustrator • Microsoft

Office

Languages

English (Native) • Mandarin

(Fluent) • Cantonese (Near-

Fluent) • Japanese (JLPT 3)

Leadership

President

Bellevue College

InfoSec Club

2022 – Present

Interests

Computer Science •
Computational Biology •
Penetration Testing •
Reverse Engineering •
STEM Fields • Graphic
Design • Piano