

Skills / Qualifications

- Knowledge in C++, Java, JavaFX, Python, OOP, Data Structure and Algorithms
- Knowledge in JavaScript, HTML/CSS, jQuery, React.js, Next.js, Figma, GSAP, and WebCrawler
- Knowledge in SQL, NoSQL, PostgreSQL, Firebase/Firestore, JDBC, and AWS
- Knowledge in GitHub, and Linux commands
- Knowledge in SDLC, and Agile/SCRUM

Relevant Coursework

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|-------------------------|---------------------------|----------------------------|
| ▪ Software Engineering | ▪ Cryptography and Cyber | ▪ Operating Systems |
| ▪ Front-end Engineering | Security | ▪ System Programming |
| ▪ Database Systems | ▪ Big Data Analysis/Cloud | ▪ Human-Computer Interface |
| ▪ Web Search and | Computing | ▪ Social Computing |
| Recommender System | ▪ Computer Networks | |
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Projects

Alimentation

- An online grocery shopping service using Next.js and Firebase/Firestore
- Progressed in SCRUM methodology

StudySite

- A JavaScript based project for playing music and set intervals for studying
- Using Next.js and Green Sock Animation Platform (GSAP)

Java Group Chat Application

- A multiuser chat application where users send messages in private or public mode
- Using Java sockets and threads

Pomona Transit System

- An application that provides services to look up bus stops, trips, and drivers
- Using Java, JDBC, and Microsoft Access

Experience

08.2016 – 02.2018

- Social Media Illustration Commission for Instagram accounts such as Yahoo Taiwan

Education

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| - Cal State Polytechnic University, Pomona | Aug. 2020 – Aug. 2022 |
| Computer Science | GPA 3.79 Magna Cum Laude |
| - National Taipei University of Education | Sep. 2015 – Feb. 2017 |
| Digital Technology Design | GPA 3.73 |

Extracurricular Activities

2015 – 2016 Aikido Club President / Department Volleyball Team Captain / Drum sets TA

Portfolio Link <https://ariel-wu.vercel.app/>