Chenyu Zhang

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EDUCATION

University of California, San Diego   **San Diego, CA**
Bachelor of Science, Major: Computer Science   Expected June 2023
- **GPA:** 3.4 / 4.0
- **Relevant Coursework:** Database, Android, Software Engineering

North Seattle College   **Seattle, WA**
Associate of Science, Major: Computer Science   Sep 2018 - June 2020
- **GPA:** 4.0 / 4.0

WORK EXPERIENCE

MOYI Tech   **Remote**
Software Engineering Intern   June 2021 – Aug 2021
- Developed information systems by designing, developing, and installing software solutions;
- Determined operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions;
- Developed software solutions by studying information needs, conferring with users, and studying systems flow, data usage, and work processes;
- Documented and demonstrated solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code;
- Prepared and installed solutions by determining and designing system specifications, standards, and programming.

EXTRA-CURRICULAR PROJECT

Bird of a Feather APP   **San Diego, CA**
                                                                      Jan 2021 – Mar 2021
- Led team of 6 to build an Android application that allows the user to use Bluetooth to find "Bird of a Feather" who had the same course with the user, based on the information the user entered;
- Used GitHub and ZenHub to create user stories, update real time progress and set up JUnit, Espresso tests;
- Organized and coordinated a project to implement functions, including using Strategy, Adapter, Observer and Factory Method, and Single Responsibility Principle, Open-Closed Principle etc.
- Mocked Bluetooth to accomplish the exchange information between multiple devices.

Data Analysis   **San Diego, CA**
                                                                      Jan 2021 – Mar 2021
- Analyzed several datasets about Covid Cases and stock price of automotive companies to find out if there is a relationship between these two elements for the purpose of reducing carbon emissions;
- Organized Python code and commands in Jupyter Notebook to analyze the data;
- Imported numpy, pandas, matplotlib, seaborn and other packages to accomplish further data analysis.

SKILLS & INTERESTS

Languages: Fluent in English; Native in Mandarin;
Technical Skills: Java, Python, Android Nearby API, software development, Basic Object-Oriented Design, Dependency, Design by Contract, Refactoring, Adapter, MVP, Factory Method, Builder;
Software: IntelliJ, Eclipse, R Studio, Android Studio, Adobe Creatives, Microsoft Office;