

EDUCATION

- **Bachelor's Degree in Computer Science** *University of California - San Diego* *09/2017 – 12/2019*
 - **GPA and Honors:** Major GPA 3.3, 3 quarters of Academic Provost Honors for outstanding GPA
 - **Related Coursework:** OOD, Advanced Data Structures and Algorithms, Advanced Software Engineering, Embedded System, Computer Architecture, Computer Networking, Computer Vision & Machine Learning, Cryptography, Programming Principles & Computational Theory, Project Management
 - **Related Experiences:** Extensive project experience using C/C++/Java such as router design, Image classification, filters, and trackers, Verilog practice projects such as building alarm clock through AWS.
- **Associate degree in Science** *Cascadia College* *09/2015 – 12/2016*
 - **GPA:** Overall GPA 3.9

SKILLS

- **Programming Languages:** Java, C, C#, C++, JavaScript, HTML, CSS, Python, Markdown, Latex, Verilog
- **Systems, IDE and editors:** Windows, Linux and Linux subsystem, VMware, VIM, Visual Studio (VS Code), Android Studio, Unity
- **Development Tools:** GitHub, ZenHub, Node.js, Continuous Integration, Google Cloud API, Google Firebase, Bootstrap, MS Office Suite, Adobe Creative Cloud Suite
- **Techniques:** Working in Agile Scrum Team, Efficient Software Design Patterns, Unit, Integration and Espresso Testing, Project Estimation, PC Build

PROJECTS

- **Web Development Programmer** *Customers' Needs Based Development* *03/2019 – 06/2019*
 - Awarded the 3rd team over 15 teams, and personally awarded the MVP badge in our team.
 - Developed web services, built custom web components, and ported components from online libraries to improve performance, flexibility, and functionalities as needed by customers
- **Android Development Programmer** *Personal Best: Fitness App for Android* *01/2019 – 03/2019*
 - Built from scratch and extensively test the product before and after publishing to ensure minimal flaws.
 - Used design principles and software patterns to make codebase more structured and easier to refactor.
 - Used Google API and Firebase to maintain user info and user data accuracy and privacy.
- **App UI&UX Designer & Project Manager** *Hangout and Gathering App* *06/2018 – 09/2018*
 - Designed app user interface and interactions for showcases and presentations
 - Shot and rendered creative advertising videos, and design banners and posters
 - Manage project progress, estimate cost, practice distributing revenue streams and refining marketing plans

PRACTICAL EXPERIENCE

- **Game Development** *Detective Storyline RPG Game* *01/2020 – 03/2020*
 - Finished implementing a complete RPG game system for various needs and finished the first level design
 - Global mouse clicks handling system, NPC AI system, Inventory system, etc.
 - 3D game asset modeling, texturing, and humanoid animations etc.
- **SE and Data Assistant Intern** *China Shandong Uni-Wise IT* *03/2017 – 09/2017*
 - Fix bugs in code and run tests against sample data.
 - Process, monitor, and calibrate data collected
- **English TA & Private Tutor** *China MEILIAN English Institution* *03/2017 – 09/2017*
 - Help students improve English skills, communication skills, and test scores.
 - Provide one-on-one tutoring in speaking, pronunciation, and oversea study guidance.