

Howard Wang

Website: h-wang.me
luw055@ucsd.edu | 858.405.7271

EDUCATION

UC SAN DIEGO
BS IN COMPUTER SCIENCE
Expected 2021 | La Jolla, SD
Major Gpa: 3.6

LINKS

Portfolio:// h-wang.me
Github:// [hwanggit](https://github.com/hwanggit)
LinkedIn:// [hwangprof](https://www.linkedin.com/in/hwangprof)

COURSEWORK

UNDERGRADUATE

Web Development
Advanced Data Structures
Computer Hardware and Assembly
Unix Tools and Scripting
Discrete Mathematics
Blockchain

SKILLS

PROGRAMMING

Languages

Java • C++ • Shell • Javascript

Python • C# • \LaTeX

Software/Tools

Raspberry Pi • Unity • Visual Studio

Git Version Control

AWARDS

Top 3/10 and won \$45
Placed 3rd out of 10 teams in
ERC Business Case Competition
2018

Top 3/20 and won \$250
Placed 3rd out of 25 teams in
Mayor's Youth Council Hackathon
2017

PROJECTS

DL-DESIGN.NET | DESIGNER'S PORTFOLIO

Dec 2018 | San Diego, CA

- Commissioned by a friend to create her Interior Design portfolio.
- Integrated UI features such as background parallax, Navbars, and more.
- Integrated mobile functionalities such as collapsible and draggable sidenav.
- Created fullscreen modal sliders using carousels and overlays.
- Languages and Frameworks: Materialize CSS/JS and JQuery.

AS RECORDS | SEARCH ENGINE

Sept 2018 - Oct 2018 | San Diego, CA

- Challenged myself to create a Search Engine using only HTML/CSS/JS.
- Sourced search content from Associated Students website database.
- Used HTML form input and JS/JQuery to parse and highlight keywords.
- Created beautiful and simplistic UI/UX search modules.
- Languages and Frameworks: JQuery, Hilitor.js.

H-WANG.ME | PERSONAL WEBSITE

July 2018 - Aug 2018 | San Diego, CA

- Created personal portfolio from scratch to showcase CS projects.
- Used no frameworks and learned proficiency in HTML, CSS, Javascript.
- Practiced extensive Git Version Control using Github and Shell.
- Used Github Pages and Google Domains to host IP.

LIFEWATCH2.0 | SD HACKS 2018 PROJECT

Oct 2018 | San Diego, CA

- Lifeguard trainer created with Unity, SteamVR, and VIVE controller.
- Created VR UI/UX environment using Unity objects and packages.
- Programmed VIVE controller and Unity object functionalities in C#.
- Worked in team of 4 called LifeWatch2.0 for SD Hacks 2018.

EXPERIENCE

LUMINERVA | BACK END & TEAM LEADER

June 2017 - August 2017 | Calgary, CAN

- Luminerva is an educational gaming app for students created with Gradle.
- Prototyped new functionalities for the app using Java and JavaFx.
- Created random math problem generator and 2048, Connect4 puzzles.
- Led a back end team to test and debug code.

LEADERSHIP

WUSHU @ UCSD | DEMO CHAIR & COORDINATOR

Sept 2018 - Present | San Diego, CA

- Wushu @ UCSD is a Chinese Martial Arts performance and competition club
- As the demo coordinator for my club I arrange on-campus performances and prepare my team for annual state-wide competitions.