

# Howard Wang

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## EDUCATION

**UC SAN DIEGO**  
**BS IN COMPUTER SCIENCE**  
Expected 2020 | La Jolla, SD

## LINKS

Portfolio:// [h-wang.me](http://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.