

# Luhao Wang

Website: [h-wang.me](http://h-wang.me)  
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## EDUCATION

### UC SAN DIEGO

BS IN COMPUTER SCIENCE  
Expected 2020 | La Jolla, SD  
GPA: 3.5/4.0

## 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# •  $\text{\LaTeX}$

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.
- Implemented mobile functionalities such as collapsible sidenav, and more.
- Created fullscreen modal sliders using custom-made carousels and overlays.
- Used Materialize CSS/JS and JQuery as frameworks.

### CHORDS4ME.INFO | CHORD FINDER WEB APP

Nov 2018 | San Diego, CA

- Chords4Me is a guitarist's web app that identifies and searches chords.
- Implemented server-side chord database using MongoDB and Node.js.
- Designed client-side web app using HTML and Javascript.
- Integrated tuner API to identify chords based on frequency.

### 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.

### 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.

### HI-KINECT | MYC HACKATHON 2017 PROJECT

Apr 2017 | Calgary, CAN

- Prototype of an iOS social app for hikers that gives trail data.
- Used Swift and Objective-C to implement UI/UX framework.
- Worked in a team of 3 and drafted mock start-up/business plan.
- Integrated municipal Open Data and Google Maps API.

## EXPERIENCE

### LUMINERVA | BACK END & TEAM LEADER

June 2017 - August 2017 | Calgary, CAN

- Luminerva is an account-based gaming website for math competitors.
- I created a random problem generator using Java and Shell.
- Led a back end team of 5 to test and debug code.