Howard Wang

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EDUCATION

UC SAN DIEGO
BS in Computer Science
Expected 2020 | La Jolla, SD

LINKS

Portfolio:// **h-wang.me**
Github:// **hwanggit**
LinkedIn:// **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.