Howard Wang

Website: h-wang.me

luw055@ucsd.edu | 858.405.7271

EDUCATION

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

LINKS

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

COURSEWORK

UNDERGRADUATE
Game Development
Web Development
Data Structures
Computer Assembly
Unix Tools and Scripting
Circuit Design and Analysis
Discrete Mathematics
Blockchain

SKILLS

PROGRAMMING
Languages
Java • C • C++ • C# • Shell Script
Javascript • Python • Latex

Software/Tools
Raspberry Pi • Unity
Visual Studio • Git Version Control
Github • AutoCAD

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

ACACHOIR.UCSD.EDU | Professional Website
December 2018 – Present | San Diego, CA

- Created professional website for school org, hosted on UCSD web server.
- Used bootstrap to create professional UI/UX web layout and pages.
- Implemented interactive read-and-listen webpage for learning songs.
- Customized features to fit organization's primary advertising needs.
- Languages and Frameworks: Bootstrap CSS/JS and JQuery.

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.

LIFEWATCH2.0 | SD Hacks 2018
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 | Game Developer
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 a random math problem generator and Connect4 puzzle.
- Led a project maintenance team of 5 to test and debug code.

LEADERSHIP

UCSD A CAPPELLA CHOIR | Director of External Affairs
Sept 2018 - Present | San Diego, CA

- Appointed Director of External Affairs for UCSD A Cappella choir club.
- Handle external affairs such as outreach, sponsorships, and marketing.
- Developed business-ready website for club using frameworks.
- Teach club members A Cappella singing technique, songs.