Daniel Wu

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https://github.com/ALMSIVI

EDUCATION

Sep 2016 to Jun 2020 (Expected)	**University of California, San Diego**
	B.S. in Computer Science, Minor in Visual Arts: Computing and Arts
	A sophomore student at Computer Science and Engineering department in UC San Diego. **(GPA: 3.88/4)**
Current Courses	Advanced Software Engineering, Interaction Design Programming

EXPERIENCES

Mechsuit VR (WIP)   *Programmer and Tester*
Worked in a 5-person team of the VR Club. Using HTC Vive and Unity, Mechsuit provides an arena to fight in mechanic armors. Implemented the inverse kinematic system for the armor with C# and did VR testing.

Music Manager   *Individual Developer*
Using C# and WPF framework, this Windows application can play music, manage music ID3 tags, and convert music formats.

SMSEmail   *Designer and Programmer*
A 3-person team project in SD Hacks 2017. Using Twilio API and Java Mail, built an app to receive and send emails using text messages only without the Internet. I handled the text analysis job.

WayAround   *Designer and Programmer*
A 4-person HCI design web application. This app is built for walkers who would like to explore their surroundings or to find a smoother, safer way, but not necessarily the faster one, to their destinations. Implemented the home page, where the user can customize the route via a variety of parameters, and the review page, where the user rates the route based on the previously chosen parameters.

Flashback Music   *Designer and Programmer*
A 5-person team software engineering project with Android. This app would record the location and time songs are played and allow users to reminisce of their time in flashback mode. I implemented the main UI and refactored the code to conform to various design patterns.

AWARDS

June 2017	10th place at UCSD WIC Beginner's Programming Competition

SKILLS

`Proficient:`	C# (Unity and Windows), Java (Android), JavaScript (Node.js), C, LaTeX
`Intermediate:`	C++, Python, HTML & CSS

INTERESTS

I love drawing illustrations about comics and games. I am also a huge fan of rock music. I am now studying Japanese to better understand Japanese anime culture and their way of drawing.