Yu-An Lin

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University of California Santa Cruz

Junior, 2016 Fall   GPA: 3.8

Computer Science Major (B.S.)
Classical Music Minor

EDUCATION TIMELINE

2012 | Register in Taipei Municipal Nei-Hu Senior High School
2013 | Transfer to No. 2 High School of East China Normal
     | University
2014 | Graduate from High School
     | Register in University of California, Santa Cruz
2018 | Graduate from UCSC

EXPERIENCE

Python Tutor

Fall 2016

One on one python private tutor in UCSC.

Teaching python from intro to intermediate level.

Math Tutor

May 2014 - August 2014

Math tutor in asia. Helping preparation for high school level math.

PROJECTS

Project SEADS (web team) Fall 2016

Github- https://github.com/seadsystem
Demo- http://198.199.110.201:8001/dashboard

SEADS, Smart Energy Analytic Disaggregation System, is a project sponsored by CITRIS, provides capabilities not found in other energy monitoring products. SEADS webteam focuses on developing a user-friendly functional webapp that enables control over complicated house structure and visuals electricity usage. Using D3.js and Highcharts.js for visualization, Vue.js for frontend structure, JQuery for ajax, Python for backend (currently using web2py, might change to Node.js or Django).

C Compiler Fall 2016

Github- https://github.com/Ewocker/oc-compiler

This is a class project. Its goal is to build a basic c compiler using c++, bison, and flex.

ADDITIONAL DEGREE & AWARD

University of California Santa Cruz:
- Dean's Honors: 2014 September through 2017 January

National Taiwan University:

Information System Training Program,
- Unix System
- HTML+CSS+Bootstrap
- Javascript
- Php+MySQL

SKILLS

Skills not in projects,
- Java
- Processing(Javascript base)
- Assembly
- CSS (BOOTSTRAP, Compass)
- R
- Php
- Shell Script
- Relational DataBase
- Unix/Linux

SlugSense Winter 2017

Github-https://github.com/Ewocker/SlugSense-Web-Application
Demo-https://slugsense.pythonanywhere.com/

SlugSense is a "Realtime scalable environment monitoring and control system". We are building a machine using open source hardware and software that detect any environmental change. The demo system is built during a hackathon within 36 hours, currently support 4 sensors.

Responsive Web Design Fall 2015

Paper- http://ewing.co.nf/RWD/Project3.pdf
Presentation Video-
https://www.youtube.com/watch?v=PoQGpWMg5Zo

Hair Band Website Summer 2015

http://ewing.co.nf/EnY/

Self-started website for practicing static website design.