

Hung-Fu Chen

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EDUCATION

Santa Clara University, Santa Clara, CA

Sep. 2017 – Expected 2019

Master of Science, Computer Science & Engineering

Yuan Ze University, Taoyuan, Taiwan

Sep. 2010 – Jun. 2014

Bachelor of Science, Computer Science & Engineering

- Selected as the only student representing department of CSE to China as a summer intern in 2014
- Selected as the only student representing department of CSE to 12th Wu Ta-You Science Camp in 2013

Minor: Bioinformatics

- *Selected Coursework: Biomedical Database, Genomics and Proteomics, Molecular Biology*

WORK EXPERIENCE

Research Assistant

Oct. 2015 – Jun. 2017

Institute of Information Science, Academia Sinica

Taipei, Taiwan

- Developed Disaster Record Capture Tool (DiReCT) using C# and WPF with two colleagues to capture machine-readable data from natural disasters
- Co-authored Disaster Scenario and Record Capture System accepted by 2017 IEEE Smart World Congress [<https://goo.gl/Bp5716>]
- Guided annual summer intern program for American undergraduate computer science students
- Managed for hiring postdoc, research assistant, and intern applicants process

Summer Front End Developer Intern

Jul. – Aug. 2014

Far Eastern Industries(Shanghai) LTD.

Shanghai, China

- Proposed and developed Cigarette Butts Monitor, an internal application written in JavaScript with Angular framework and Bootstrap to enforce the no-smoking policy in the factories

Undergraduate Intern

Jul. – Aug. 2013

Computational Systems Biology Lab

Taoyuan, Taiwan

- Led three-member team developing undergraduate project PhosNet in Cytoscape.js —a web tool to reconstruct the protein kinase–substrate phosphorylation network integrated protein-protein interaction and biological pathway data; project has been integrated into lab's main project RegPhos2.0 since 2013 [<https://goo.gl/2wuBF1>]
- Authored the poster for the 7th Asian Young Researchers' Conference on Computational and Omics Biology
- Designed front-end page in PHP and MySQL for interactive web application [<https://goo.gl/JxaYDg>]

Teaching Assistant

Jul. – Aug. 2013

2013 Massachusetts Institute of Technology – Yuan Ze University Collaborative Program

Taoyuan, Taiwan

- Guided non-technical students to write a BMI calculator program in Python

PERSONAL PROJECTS

- **Browser Automation** [<https://goo.gl/G8vktB>]
Crafted an automated program using Python, Selenium and Crontab to automatically login account and get the daily-login credit on 1point3acres website
- **Santa Clara University Time Table** [<http://jeffchen.com.tw/SCU-TimeTable>]
Implemented a plain html website which can show the open hours of university library, recreation center, aquatic center, etc.
- **Movie Recommendation** [<https://goo.gl/HUjC1f>]
Developed a Python program with TMDb API that displays historical information about a given movie and according to average score to give user a recommendation

SKILLS

Web Languages: HTML5, CSS, JavaScript

Web Frameworks: Angular.js, JQuery, Bootstrap, Node.js

OOP Languages: Java, C#, C++

Scripting Languages: Python, PHP

Databases: MySQL, Oracle, NoSQL(MongoDB)

Continuous Integration Testing tools: Jenkins, Travis CI

Cloud Services: AWS, Heroku