

Hung-Fu Chen (Jeff Chen)

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EDUCATION

Santa Clara University, Santa Clara, CA

Sep. 2017 – Expected 2019

Master of Science, Computer Science

Selected Coursework: COEN 279 Design and Analysis Algorithm, COEN 210 Computer Architecture

Yuan Ze University, Taoyuan, Taiwan

Sep. 2010 – Jun. 2014

Bachelor of Science, Computer Science (Minor: Bioinformatics)

SKILLS

Programming Languages: Python, Java, C#, C++, PHP, HTML, CSS, JavaScript, MySQL

System and tools: Visual Studio, Git, Vim

EXPERIENCE

Research Assistant

Oct. 2015 – Jun. 2017

Institute of Information Science, Academia Sinica

Taipei, Taiwan

- Developed project “DiReCT” with 2 colleagues which was designed to capture machine-readable data on different kinds of nature disasters (**C# WPF**)
- Contributed as 2nd author of “Disaster Scenario and Record Capture System” accepted by 2017 IEEE Smart World Congress
- Guided annual summer intern program for American undergraduate computer science students
- Responsible for hiring postdoc research assistant and intern applicants process

Software Engineer Intern

Jul. – Aug. 2014

Far Eastern IT Inc.

Shanghai, China

- Proposed an idea “Recording cigarette butts” accepted by colleagues to decline smoking rate in factory
- Pioneered an application in **JavaScript** about “Recording cigarette butts” on the intranet (**Angular.js Bootstrap**)

Undergraduate Intern

Jul. – Aug. 2013

Computational Systems Biology Lab

Taoyuan, Taiwan

- Led 3-member team developing undergraduate project PhosNet—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 (**Cytoscape.js**)
- First author of poster in 7th Asian Young Researchers Conference on Computational and Omics Biology
- Designed front end page in **PHP** and **MySQL** for interactive web application

PROJECTS

57 Exercises for programmers

- **Movie Recommendation**
Developed a **Python** program with TMDb API that displays information about a given movie
- **Flickr Photo Search**
Implemented an application in **Python** with Flickr public photo feed that takes in a search string and displays photographs matching that search string
- **Website Generator**
Created an application that generates a website skeleton in **Python**

Auto Login on 1point3acres website

Crafted an automated program using **Python**, Selenium, and Crontab to automatically login 1point3acres account and get the daily-login credit

Instagram Web Crawler

Built a web crawler using **Python** and Selenium to automatically scroll down the pages and mine the photos, contents and file links

LEADERSHIP & HONORS

Volunteer Teaching Assistant

Massachusetts Institute of Technology – Yuan Ze University Collaborative Program

Jul. – Aug. 2013

- Guided diverse student groups programming in **Python**

Department of Computer Science, Yuan Ze University

- Selected as 1 of 150 students representing department of CSE to China as a summer intern in 2014
- Selected as 1 of 150 students representing department of CSE to 12th Wu Ta-You Science Camp in 2013