

Hung-Fu Chen (Jeff Chen)

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EDUCATION

Santa Clara University, United States

Sep. 2017 – Expected 2019

Master of Science, Computer Science

Selected Coursework: Design and Analysis Algorithm, Computer Architecture

Yuan Ze University, Taiwan

Sep. 2010 – Jun. 2014

Bachelor of Science, Computer Science (Minor: Bioinformatics)

SKILLS

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

Technologies/Environment: Visual Studio, Git

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 second author of “Disaster Scenario and Record Capture System” was 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” was accepted by colleagues to decline smoking rate in factory

Pioneered an application in JavaScript about “Recording cigarette butts” on the intranet (**Angular Bootstrap**)

Undergraduate Intern

Jul. – Aug. 2013

Computational Systems Biology Lab

Taoyuan, Taiwan

Led 3 members team developing undergraduate project PhosNet which is a web tool to reconstruct the protein kinase–substrate phosphorylation network integrated protein-protein interaction and biological pathway data (**PHP MySQL**)

Used Cytoscape.js to reconstruct protein-protein interaction and biological pathway data

Project has integrated into lab’s main project RegPhos2.0 since 2013

PROJECTS

57 Exercises for programmers

Movie Recommendation

Developed a Python program with TMDb API, displays information about a given movie

Flickr Photo Search

Implemented an application in Python with Flickr public photo feed, takes in a search string and displays photographs match 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, automatically login 1point3acres account and get the daily-login credit

Instagram Web Crawler

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

LEADERSHIP

Volunteer Teaching Assistant

Massachusetts Institute of Technology – Yuan Ze University Collaborative Program

Jul. – Aug. 2013

Guided diverse student groups programming in Python

HONORS

Department of Computer Science, Yuan Ze University

Selected as one of 150 students representing department of CSE to China as a summer intern in 2014

Selected as one of 150 students representing department of CSE to 12th Wu Ta-You Science Camp in 2013