Hung-Fu Chen

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EDUCATION

Santa Clara University, Santa Clara, CA *Sep. 2017 – Expected 2019*
Master of Science, Computer Science
Selected Coursework: Design and Analysis Algorithm, Computer Architecture
Yuan Ze University, Taoyuan, Taiwan *Sep. 2010 – Jun. 2014*
Bachelor of Science, Computer Science
Minor: Bioinformatics

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

Software Engineer Intern *Jul. – Aug. 2014*
Far Eastern IT Inc. *Shanghai, China*
- Proposed and developed Cigarette Butts Monitor, an internal application written in JavaScript with Angular.js 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]

PERSONAL PROJECTS

- **Movie Recommendation** [https://goo.gl/HUjC1f]
  Developed a Python program with TMDb API that displays historical information about a given movie
- **Flickr Photo Search** [https://goo.gl/3MfPYA]
  Implemented an application in Python with Flickr public photo feed that takes in a search string and displays photographs matching that search string
- **Auto Login on 1point3acres website** [https://goo.gl/G8vktB]
  Crafted an automated program using Python, Selenium and Crontab to automatically login 1point3acres account and get the daily-login credit

LEADERSHIP

Volunteer Teaching Assistant
2013 Massachusetts Institute of Technology – Yuan Ze University Collaborative Program
- Guided non-technical students to write a BMI calculator program in Python

HONORS

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

SKILLS

Coding: Python, Java, C#, C++, PHP, JavaScript, MySQL, HTML, CSS
System and tools: Visual Studio, Git, Vim