

Hung-Fu Chen

(626) 986-8055 | 961 College Ave Apt 1, Santa Clara, CA 95050
jeff@jeffchen.com.tw | github.com/JeffChern | linkedin.com/in/jeffchern

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 1 of 152 students representing department of CSE to China as a summer intern in 2014
- Selected as 1 of 151 students 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

Software Engineer 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.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

- **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

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

SKILLS

Languages: Java, Python, C#, C++, PHP, SQL,

Web Languages: HTML5, CSS3, JavaScript, JQuery

Database Management Systems: MySQL, Oracle

Continuous Integration Testing tools: Jenkins, Selenium

OS: Linux command line (CentOS 6)

AI Tools: Scikit-learn, NumPy, Tensorflow