

# Hung-Fu Chen

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## EDUCATION

**Santa Clara University, Santa Clara, CA, USA**

*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

## WORK EXPERIENCE

**Software Developer Intern**

*Jul. 2018 – Present*

*SAP America, Inc.*

*Palo Alto, CA, USA*

- Developed sample applications, testing API integrations, working with AWS/GCP/Azure/SAP HANA cloud systems, working with new products introduced by SAP and testing for fitment in the ISV market
- Worked with machine learning libraries and tested their applicability to business processes

**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

**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; 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://github.com/JeffChern/1point3acres\\_AutoLogin](https://github.com/JeffChern/1point3acres_AutoLogin)]  
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** [<https://jeffchen.com.tw/SCU-TimeTable>]  
Developed a plain html website which can show the open hours of university library, recreation center, aquatic center, etc.
- **RESTful API** [<https://github.com/JeffChern/RESTful-API-practice>]  
Implemented a RESTful API with ASP.NET core.

## SKILLS

*Web Languages: HTML5, CSS, JavaScript*

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

*OOP Languages: Java, C#*

*Scripting Languages: Python, PHP*

*Databases: MySQL, Oracle, NoSQL(MongoDB)*

*Continuous Integration Testing tools: Jenkins, Travis CI*

*Cloud Services: AWS, SAP HANA, Heroku*