Hung-Fu (Jeff) Chen

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EDUCATION

Santa Clara University, Santa Clara, CA, USA *Sep. 2017 – Jun. 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 a face detection application by leveraging AWS DeepLens, S3, and integrated with SAP HANA and SAP Analytics Cloud [https://goo.gl/DFuJCQ]
- Designed and implemented a HR helper chatbot application with SAP Conversational AI, Cloud Platform, UI5, HANA [https://blogs.sap.com/2019/02/26/building-chat-bot-with-sap-conversational-ai-sap-products]

Research Assistant *Oct. 2015 – Jun. 2017*
Institute of Information Science. Academia Sinica *Taipei, Taiwan*
- Composed Disaster Record Capture Tool (DiReCT) using C# and WPF with two colleagues to capture machine-readable data from natural disasters
- Co-authored DiReCT accepted by 2017 IEEE Smart World Congress [https://goo.gl/Bp5716]
- Responsible for guiding 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]
  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(Spring), C#(WPF)
Scripting Languages: Python(Django, Flask), PHP
Databases: AWS Aurora, MySQL, Oracle, NoSQL(MongoDB), Sqlite, SAP HANA
Cloud Services: AWS (Aurora, RDS, S3, EC2, Lambda, SageMaker, DeepLens, IoT Core, Greengrass), Heroku
Testing Tools: Jenkins, Selenium