

## HungFu Chen(Jeff Chen)

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### RESEARCH INTERESTS

*Environmental Informatics, Bioinformatics and Computational Biology, Artificial Intelligence and Machine Learning*

### EDUCATION

*Bachelor of Science, Computer Science (last 60 GPA 3.5)* Sep. 2010 – Jun. 2014  
Yuan Ze University, Taoyuan, Taiwan  
Minored in Bioinformatics program  
Graduate courses

- Genomics and Proteomics (87/100) Biomedical Database (94/100)  
Molecular Biology (83/100 taught in English) Clinical Molecular Medicine (85/100)

Undergraduate courses

- Introduction to Wireless Internet (95/100) Introduction to UNIX System (92/100)  
Introduction to Multimedia System (93/100) Introduction to Database System (85/100)

### RESEARCH EXPERIENCE

*Institute of Information Science, Academia Sinica* Oct. 2015 – Present  
Research Assistant, Taipei, Taiwan

- Advisor: Dr. Jane W-S. Liu <https://goo.gl/8uXed7>
- Worked on DRBoaST (Disaster Resilience through Big and Open Data and Smart Things) Lab
- Work in progress - DiReCT (Disaster Record Capture Tool)  
Used WPF & C# to develop
- Been assigned to guide annual summer intern program for U.S. undergraduate CS students in 2016
- Been assigned to interview Postdoc, RA, Intern applicants

*Department of Computer Science & Engineering, Yuan Ze University* Oct. 2012 – Sep. 2013  
Undergraduate Intern Student, Taoyuan, Taiwan

- Advisor: Dr. Tzong-Yi Lee <https://goo.gl/i9kNBb>
- Worked on Computational Systems Biology Laboratory Lab
- Leader of undergraduate project – PhosNet  
used Cytoscape.js to reconstruct the protein-protein interaction and biological pathway data  
This project has integrated into RegPhos2.0 since 2013

### WORK EXPERIENCE

*Department of Information and Tourism, Taipei City Government* Oct. 2014 – Oct. 2015  
Compulsory Substitute Military Service, Taipei, Taiwan

- Been selected as the Division Leader of a hundred people team
- Helped foreign tourists and guiding Discovery Center of Taipei

*Far Eastern IT Inc.*

Jun. 2014 – Sep. 2014

Summer Intern, Shanghai, China

- Pioneered an application about recording cigarette butts in company-internal network
- Used angular.js to develop

*Massachusetts Institute of Technology - Yuan Ze University Collaborative Program* Jul. 2013 – Aug. 2013

Volunteer, Taoyuan, Taiwan

- Volunteer T.A in MIT&YZU summer camp
- Led different background students programming in Python

## CONFERENCE PRESENTATION

The 7th Asian Young Researchers Conference on Computational and Omics Biology

Hung-Fu Chen, Advisor: Dr. Tzong-Yi Lee

“ PhosNet: a web tool to reconstruct the protein kinasesubstrate phosphorylation network integrated protein-protein interaction and biological pathway data. ”,Tokyo, Japan, August 2013.

## HONORS

The only student representing department of CSE to China as a summer intern, 2014 Shanghai

The only student representing department of CSE to 12th Wu Ta-You Science Camp, 2013 Taiwan

(Topic : Brain and Mind Frontier Research in Cognitive Neuroscience)

## PROGRAMMING SKILLS

C++, C#, Java, Python, R, PHP, MySQL, XAML, HTML, CSS, Git, L<sup>A</sup>T<sub>E</sub>X