

HungFu Chen(Jeff Chen)

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RESEARCH INTERESTS

Environmental Informatics, bioinformatics and computational biology, artificial intelligence, machine learning

EDUCATION

Yuan Ze University

Bachelor of Science, Computer Science

Taoyuan, Taiwan

June 2014

- GPA (last 60): 3.5
- Minor in bioinformatics
- 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

Research Assistant

Taipei, Taiwan

October 2015 – Present

Advisor: Dr. Jane W-S. Liu (<https://goo.gl/8uXed7>)

- Worked in DRBoaST (Disaster Resilience through Big and Open Data and Smart Things) Lab.
- Work in progress: DiReCT (Disaster Record Capture Tool); programming in C#, WPF.
- Guided annual summer intern program for American undergraduate CS students(2016).
- Interview postdoc, RA, intern applicants.

Yuan Ze University, Department of Computer Science & Engineering

Undergraduate Intern

Taoyuan, Taiwan

October 2012 – September 2013

Advisor: Dr. Tzong-Yi Lee (<https://goo.gl/i9kNBb>)

- Worked in Computational Systems Biology Laboratory Lab
- Led PhosNet undergraduate project; used Cytoscape.js to reconstruct protein-protein interaction and biological pathway data. Project integrated into RegPhos2.0 since 2013.

WORK EXPERIENCE

Department of Information and Tourism, Taipei City Government

Compulsory Substitute Military Service

Taipei, Taiwan

October 2014 – October 2015

- Served as Division Leader for hundred-person team.
- Helped foreign tourists at Discovery Center of Taipei.

Far Eastern IT Inc.

Summer Intern

Shanghai, China

June 2014 – September 2014

- Pioneered an application to record cigarette butts for internal network.
- Developed with angular.js.

Massachusetts Institute of Technology - Yuan Ze University Collaborative Program Taiwan

Volunteer

July 2013 – August 2013

- Served as volunteer teaching assistant.
- Led diverse student group in programming in Python.

CONFERENCE PRESENTATION

The 7th Asian Young Researchers Conference on Computational and Omics Biology (2013) Tokyo, Japan

Advisor: Dr. Tzong-Yi Lee

Presentation: “PhosNet: a web tool to reconstruct the protein kinase substrate phosphorylation network integrated protein-protein interaction and biological pathway data.”

HONORS

- Only student representing CSE department to China as a summer intern (2014).
- Only student representing department of CSE to 12th Wu Ta-You (Taiwan) Science Camp (2013).
Topic: Brain and Mind Frontier Research in Cognitive Neuroscience.

PROGRAMMING SKILLS

C++, C#, Java, Python, R, PHP, MySQL, XAML, HTML, CSS, Git, \LaTeX