

## OBJECTIVE: Internship position in web development or user experience

### WORK EXPERIENCE

**Research Center for Chinese Politics and Business, Indiana University** (IT Specialist, Sep. 2014– present)

- Continue to manage and maintain center's contact database
- Continue to maintain and monitor the official website
- Continue to assist media creations for events

**Lisa's English Academy** (Webmaster, Feb. 2014– present)

- Redesigned and developed the new version of the official website
- Improved 50% in number of website visitors and increased 20% of the revenue
- Continue to maintain and monitor the official website

**Institute of Atomic and Molecular Sciences, Academia Sinica** (Research Assistant, Feb. 2012–Jul. 2012)

*Visualization System Development for Molecular Spectrum Analysis*

- Developed and integrated the molecular spectrum analysis programs in MATLAB
- Reduced simulation calculation time to less than 20 minutes from hours in the previous version
- Developed algorithms for molecular simulation
- Designed graphical user interface system

**Department of Geomatics, National Cheng Kung University** (Research Assistant, Jul. 2010–Jan. 2012)

*Height Modernization Process in Taiwan and Tropospheric Zenith Delay Modeling*

- Conducted and analyzed questionnaires for gathering user requirements
- Analyzed GPS data and implemented regression model

### EDUCATION

**Indiana University, United States**

- Master of Information Science (2015-expected)
- Graduate Certificate in Human-Computer Interaction (2013)

Coursework: Information Architecture, Web-programming, Mobile and Pervasive Design, Database Design, Prototyping, Interaction Design and Practice, Usability, Psychology in HCI

**National Cheng Kung University, Taiwan**

- Master of Science in Geomatics (2010)  
Thesis: "Development of a Regional Tropospheric Correction Model over Taiwan"
- Bachelor of Science in Geomatics (2007)

Coursework: Statistics, Engineering Mathematics, Object-Oriented Programming, Global Positioning System

### SKILLS

**Programming Languages:** C++, Java, Python, MATLAB, SQL

**Web Development:** HTML, CSS, JavaScript, Java Servlet

**Platforms:** Linux, Unix

**Design Methods:** User research, Prototyping, Usability Evaluation

**Design:** Axure, Adobe Illustrator

**Geospatial Software:** Generic Mapping Tools, Geostatistical Software Library

### RELATED PUBLICATION

**CHI 2014 Works-in-Progress**

Afarin Pirzadeh, **Hsiao-Wen Wu**, Reecha Bharali, Bomi Kim, Terri Wada, Mark S. Pfaff (2014).

"Designing Multi-Touch Gestures to Support Emotional Expression in IM"