HSIAO-WEN WU

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OBJECTIVE: Internship position in web development and 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
- Continue to maintain and monitor the official website

School of Informatics, Indiana University (Graduate Assistant, Aug. 2012– May. 2013)
- Evaluated 27 students' research proposals in the I305 course and helped them improve their work

Institute of Atomic and Molecular Sciences, Academia Sinica (Research Assistant, Feb. 2012–Jul. 2012)
Visualization System Development for Molecular Spectrum Analysis
- Integrated and automated the molecular spectrum analysis process and reduced processing time to less than 10 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 ts 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"