HSIAO-WEN WU

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Design Portfolio: hsiao-wen.com/projects.html

OBJECTIVE: Internship position in web development

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)
- Visiting student at Iowa State University (Spring 2015)
- 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"