

Yuan-Fen (Eric) Kuo

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OBJECTIVE

Seeking an immediate full time entry-level position in the field of software engineering.

EDUCATION

Master of Engineering in Computer Science : Cornell University Aug. 2004 - May 2005
Bachelor of Science in Computer Science & Psychology : University of Wisconsin - Madison Sep. 2000 - Dec. 2003

Relevant Courses: Machine Vision Computer Networking Empirical Methods in Machine Learning & Data Mining
Information Security Construction of Compiler Large Scale Information System
Software Engineering Advance Artificial Intelligence Numerical Methods
Intro to Operating System Intro to Database System
Intro to Algorithms Intro to Theoretical Computing

GPA: 3.67 / 4.0

Honor: Summer Undergraduate Research Assistantship in UW - Madison 2000

SKILLS

- Programming Languages: Strong in C++, Java. Others include: Matlab, C, C#, Objective-C, MIPS Assembly, Shell Script
- Development Environment: General Unix environment, Apple Project Builder, Codewarrior, Visual Studio, JBuilder
- Web Development: Dreamweaver, Perl CGI, HTML, Apache, PHP, MySQL, MSSQL, CSS
- Experience: SOAP, WSDL, JDBC, J2EE, UML, EJB, JBoss
- Languages: Fluent in English, Chinese, and Taiwanese

RESEARCH EXPERIENCE

- Magnetic Resonance Digitally Subtracted Angiography supervised by Dr. Ramin Zabih at Cornell University In Progress
a new approach in foreground identification for quality evaluation of temporally resolved MR angiography
- Unsupervised learning in MR Angiography supervised by Dr. Richard Caruana at Cornell University Spring 2004
an experiment in applying unsupervised learning on MR angiography image pixels as Micro Array clustering.
- Psychology Research Assistant for Dr. Diane Gooding at University of Wisconsin – Madison Fall 2003 – Spring 2004
conducted CPT, DWLT, WCST and various psychological tests on average 6 participants a week, Data Entry, Article Discussion
- Computer Science Research Assistant for Dr. Charles Fischer at University of Wisconsin – Madison Summer 2002
survey of C#, detail testing on the “Delegate” feature and bug contribution to Mono - an open source .NET platform

WORK EXPERIENCE

- University of Wisconsin – Madison Winter 2001 – Winter 2003
Software Development Assistant for Dr. Paul PH Wilson
data retrieval, storage, manipulation, and GUI presentation using Java & MySQL for the Analytic & Laplacian Adaptive Radioactivity Analysis software
- Student Academic Affairs of University of Wisconsin – Madison Spring 2002 – Spring 2003
Student Tutor
tutored students of minority with concepts and programming materials for Intro to Computer Science

PROJECTS

- Mac OS X.4 Dashboard Widget ----- JavaScript, CSS, html Spring 2005
dashboard widget that converts date between regular and lunar calendars
- Cocoa Application “Sink” for Mac OS X ----- Objective-C Spring 2004
utility that synchronizes chat histories. About 200 downloads on the first release.
- Cocoa Application “Five Stone” for Mac OS X ----- Java Spring 2003
Chinese board game with Graphical User Interface

INTERESTS & ACTIVITIES

Software localization, data mining, medical imaging, machine learning, web site development, piano, orchestra, percussion ensemble, blogging, reading and trying new technology, walking, and thinking with a cup of coffee.