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Jason Prideaux

Work experience

2004 – current   U of O Computer Science Department   Eugene, Oregon
Research Assistant (Software Engineer)

- Preparation of the *Think And Link Email System,* a specially designed system for users with cognitive disabilities, for commercial distribution.

- Created self-installing packages, auto-updater, remote logging, automated training software, support tools, maintained email, database, and web servers.

2002 – 2004   U of O Computer Science Department   Eugene, Oregon
Graduate Research Fellow

- Intel/NSF Grant Project: Researched accessibility and navigation technologies involving wearable computers. Created iSIM, a simulator for testing mobile applications. Created CAT, a context-aware middleware to aid in the development of mobile context-aware applications.

- NASA/JPL Grant: Work on MDS, the Mission Data System that NASA will use in all future spacecraft and rovers starting in 2009. Worked with USC on installing the system at UO. Developed extensions to MDS applications, and focused on testing particular MDS components.

2001 – 2002   U of O Computer Science Department   Eugene, Oregon
Research Software Programmer

- Design and implementation of the *Think And Link Email System*. It was constructed using a cognitive science engineering approach, and from data collected from numerous focus groups.
- Had a key role in requirements analysis, design, implementation, testing, and evolution of the *Think And Link Email System*.

2001 – 2002   U of O Computer Science Department   Eugene, Oregon
Non-Paid Intern for Wearable Computing Lab

- Worked on creating several applications for wireless handheld devices.
- Updated and provided tech support for *Proem*, a wearable computing toolkit. Ported *Proem* to Palm and Windows based handheld devices.

Education

2002 - 2004   University of Oregon   Eugene, Oregon
Master of Science in Computer and Information Science,

- Cumulative GPA: 3.97/4.0

- Fields of study: Software Engineering, Wearable computing, Accessibility

1998 - 2002   University of Oregon   Eugene, Oregon
Bachelor of Science in Computer and Information Science
Minor in Mathematics

- Cumulative GPA: 4.0/4.0

- Fields of study: Software Engineering, Software Methodologies, Modeling, Simulation, Operating Systems, Programming Languages, Algorithm Theory, Database Systems, Computer Architecture, Wireless Networking

Awards received	Graduated with highest honors: *Summa Cum Laude*
	Juilfs Scholarship for Academic Achievement
	Who's Who Among Students in American Universities recognizing the top 100 students from each college

Teaching Experience	**University of Oregon, Eugene, OR**
	CIS 650 Software Engineering: Guest Lecturer. Aided in course materials, provided support for software being used in class.
	CIS610 Wearable Computing: Organizer. Aided in selection of papers, organized course agenda, participated in discussions.
	CIS422 Software Methodologies: Teaching Assistant. Gave guest lectures, assisted in organizing course agenda, and creating assignments, provided individual support to students, graded assignments, and proctored exams.

Skills	
	- Languages: Java, C/C++, XML, HTML, JSP, UML, SQL, MySQL, Assembly
	- Programs: Visual Studio, JBuilder, Eclipse, CVS, SSH, JUnit, Word, Excel, Power Point, Photoshop
	- Platforms: Windows, Unix, Solaris, Linux

Programs	**Think And Link Email System**
	Think and Link is part of an ongoing research project to design an email system for people with cognitive impairments. It is designed to be completely user-friendly, and includes self-installation and automated training. In addition, it incorporates special help/tutorial features to help the user. More information regarding *Think And Link* can be found at: http://www.think-and-link.org
	CAT (Context Aware Toolkit)
	CAT is a middleware for building context-aware applications for wearable and handheld computers. It allows for rapid development of applications, which need complex sensor structures, and allows sharing of sensor data with other agents running CAT applications. *CAT* can be found at: http://www.cs.uoregon.edu/~jprideau/CAT
	iSIM (iPAQ SIMulator)
	iSIM is an interactive context aware simulator. Has an interactive 2-D and 3-D environment, which is used to generate context such as position, heading, sound, light, temperature, and wireless networking for wearable applications. *iSIM* can be found at: http://www.cs.uoregon.edu/~jprideau/iSIM

References	
	- Professor Stephen Fickas, Research Supervisor and Advisor, 2001 – Present contact: 541-346-3964 fickas@cs.uoregon.edu
	- Dr. Mckay Sohlberg, Lead Cognitive Science Researcher for Think-And-Link and the NSF grant project 2001 – Present contact: 541-346-2586 mckay@oregon.uoregon.edu
	- Gerd Kortuem Ph.D, Internship Supervisor, 2001 – 2002 contact: +44 1524 593116 kortuem@comp.lancs.ac.uk