Anh Xuan Tran

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Education

Ph.D. Computer Science, *University of Arizona*, Tucson, AZ GPA: **4.00** / **4.00**, Artificial Intelligence (Expected Summer 2014)

M.S. Computer Science, University of Arizona, Tucson, AZ

GPA: **4.00** / **4.00**, Artificial Intelligence (2011)

B.S. Computer Science, *Oregon State University*, Corvallis, OR GPA: **4.00** / **4.00**, Computer Systems Option (Summa Cum Laude '09)

Qualifications

Languages:

- ♦ C# .NET / Java / Scala / C/C++
- ♦ Python / Perl / Lisp / Shell
- ♦ ASP .NET / PHP / HTML / XML
- ♦ SQL / OpenGL

Operating Systems & Hardware:

- ♦ Mac OSX
- ♦ LINUX / UNIX, MS-DOS
- ♦ Windows 95/98/Me/2000/XP/Vista/7

Software:

- ♦ MS Visual Studio Team System
- ◆ Eclipse / IntelliJ / MS Visual Studio
- ♦ MS SQL Server 2003/2005 / MySQL
- ♦ CVS / SVN / Git / MS SourceSafe
- ♦ VMware / MS Virtual PC

- ♦ MS Team Foundation Server
- ♦ MS Office 2000/2003/2007
- ♦ MS Access / MS InfoPath
- ♦ MS Project / MS Visio
- ◆ Adobe Photoshop / PaintShop Pro

Personal:

- ◆ Excellent *leadership* and *communication* skills
- ◆ Trilingual: Vietnamese, English, French (3 years)
- ◆ Goal driven, team oriented, friendly, patient, motivated, responsible, and organized

Experience

Graduate Research Assistant, *University of Arizona*, Tucson, AZ *Arizona Artificial Intelligence Lab* (08/09 – 05/11, 01/13 – Present) Work as a graduate research assistant under the guidance of professor Paul Cohen; develop in many different languages; contribute to several major DARPA funded programs: Bootstrapped Learning, BOLT, and Mind's Eye.

Al Programmer / Researcher, *University of Arizona*, Tucson, AZ *School of Information: Science, Technology, and Arts* (05/11 – 12/12) Helped manage the Persistent Stare through Imagination (PSI) project – a multi-year, multi-million dollar research project funded through DARPA's Mind's Eye program to build an intelligent visual system; acted as liaison between the Principle Investigators and researchers/students; helped plan and monitor the direction of the project; kept track of all development progress; developed pipeline to integrate all processes; facilitated yearly evaluations; aided development in all research areas of the project, including: object/people detection and tracking, activity and gesture recognition, and language generation.

Undergraduate Research Assistant, Oregon State University, Corvallis, OR TaskTracer Research Project (03/06 – 06/09)

Worked as a software engineer for a substantially large, multi-language, research code base that is deployed on information worker desktops at major corporations.

Roles and responsibilities:

- ♦ Developed in a team of 10-15 staff and students
- ◆ Coded in C# .NET, SQL, Java, and others
- ◆ Researched application development/improvement
- ◆ Designed and presented posters/presentations to various sponsors
- ♦ Led Quality Assurance for 7 months

Undergraduate Technical Intern, *Intel Corporation*, Folsom, CA **Mobility Microprocessor Group** (07/07 – 01/08 and 06/08 – 09/08)

Developed automation tools in the form of websites. Windows Forms applications. Windows command-line applications, and Windows Services; participated in all aspects of the software engineering process; designed database structure; documented software requirements specification; managed and maintained back-end database; supported numerous existing tools.

Notable projects included:

- ◆ Item Inventory Tracker (IIT): Created an item-tracking system for used by the whole Inventory Control (IC) department; increased IC awareness of an item's chronological location and the last person responsible for the handling of such item; significantly improved IC efficiency by over 40%.
- ◆ Folsom Validation Center (FMVC) Vacation Scheduler: Assumed ownership of the Vacation Scheduler web application for the entire FMVC site.
- ◆ Project Tracker (PT): Supported and assumed ownership of an internal ASP .NET web application tool used for tracking all projects and issues within the team.

Clubhouse Program Assistant, Boys & Girls Club of America, Corvallis, OR **Technology Room Consultant & Counselor** (09/05 – 03/06)

- ◆ Maintained & supported computer devices, server system, and software applications
- ◆ Taught basic classes in typing, graphic designs, web browsing, etc.
- ◆ Provided guidance and support for club members (age K-12)

Activities

National Society of Collegiate Scholars (04/06 – 06/09)

The nation's premiere honors organization for high achieving students.

- ◆ Executive Vice President & Web Master Officer, 05/08 05/09
- ◆ Treasurer Officer, 05/07 05/08
- ♦ Web Master Officer, 05/06 05/07

Vietnamese Student Association (09/05 – 06/09)

Student's association with the goal of uniting Vietnamese students to promote and develop social projects that concern the local community and the Vietnamese culture.

Awards

UA Graduate Research Assistantship Appointment (2009 – Present)

OSU Drucilla Shepard Smith 4.0 Scholastic Award (2005–09)

Honoring Men & Women With the Highest Scholastic Record

OSU Waldo-Cummings Outstanding Junior Award, Honorable Mention (2008) OSU Waldo-Cummings Outstanding Freshman Award, Winner (2006)

References available upon request

References