

**OBJECTIVE:**

Computer Science graduate student with software development experience seeking full-time employment beginning January 2010.

**EDUCATION:**

**Michigan State University (MSU)**, East Lansing, MI

Master of Science • Expected December 2009 • Major: Computer Science and Engineering • 3.5/4.0

**Michigan State University (MSU)**, East Lansing, MI

Bachelor of Science • December 2007 • Major: Computer Science and Engineering • 3.4/4.0

**COMPUTER SKILLS:**

Languages: C, C++, MFC, OpenGL, Qt 3.x.x, HTML, Assembly

Systems: Linux, UNIX, WINDOWS XP

Software: MS Visual Studio, CVS, MATLAB, Blender

**RELATED EXPERIENCE:**

**Graduate Research Assistant** Dept. of Computer Science and Engineering. MSU (May 2008 - Current)

Designing and building a specialized 3-dimensional sensor to improve time and financial costs of an existing face recognition/verification system.

**Graduate Teaching Assistant** Dept. of Computer Science and Engineering. MSU (Aug. 2008–Dec. 2008)

Developed a class of 55 students' knowledge in software design through lecturing and one-on-one instruction.

**Software Engineer**, ERL, LLC., Lansing MI (March 2008 – July 2009)

Led software development team that focused on maintaining and improving company software package.

Upgraded software by adding new features, based on user feedback, to promote company productivity.

Facilitated monthly/bimonthly releases of new software versions.

**Ronald E. McNair Post-Baccalaureate Achievement Program**, MSU (Jan. 2006 – Nov. 2007)

Conducted research that focuses on “Depth Measurement via Two Camera, Active Stereo Modeling”.

Designed, implemented, and tested 3-dimensional data acquisition techniques for prototype system.

Showcased research results at McNair/SROP Summer Research Symposium via oral and poster presentations.

**Undergraduate Research Assistant**, Dept. Computer Science and Engineering, MSU (Aug. 2006-May 2007)

Maintained research database of human 3-dimensional facial data.

Facilitated research presentation/demonstrations at various departmental functions.

**Senior Design Project** Dept. of Computer Science and Engineering. MSU (Aug. 2007–Dec. 2007)

Collaborated with Ford Motor Company and MSU design team to create a prototype GPS-like safety system.

Designed a system for monitoring in-car safety systems, detecting possible road hazards, and alerting nearby drivers via the Internet.

**HONORS/ACTIVITIES**

Fall 2007: The Compact for Faculty Diversity, Institute on Teaching and Mentoring, in Arlington, VA

Summer 2007: IEEE Computer Society Conference (CVPR) 2007, in Minneapolis, MN

Summer 2007: CIC SROP Conference, at Purdue University

Summer 2007: MSO McNair/SROP Scholar Academic Excellence

Spring 2006: MSU Office of Supportive Services' Outstanding Junior Award