

# Samantha Luber

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## OBJECTIVE:

I am seeking an internship or full time position in a computer engineering or computer science-related field. Specifically, I am interested in software development, user experience, artificial intelligence, and financial market analysis.

## EXPERIENCE:

**Microsoft** Aug 2012 - Present

*Software Developer in Test Engineer*

- Manually and automatically testing features owned by the Windows User Experience Search, View, and Command Team

**Apple** Aug 2011

*Cocoa Camp Attendee*

- Developed iPhone apps using Cocoa/Objective-C

**Microsoft** May 2011 - Aug 2011

*Software Developer in Test Engineer Intern*

- Worked on Windows 8 User Experience Team on UEX testing and application development in JavaScript, HTML, CSS, C#, and C++

**Michigan Academic Center** Oct. 2010 - Jan 2011

*Tutor*

- Tutor student athletes in their math, science, and engineering classes

**Cisco Systems** May 2010 - Aug 2010

*CDO Choice Intern*

- Worked in TelePresence Technology division on a diagnostic tool for the TelePresence technology using Java, HTML, CSS, and XML

**Fox Point Municipal Pool** May 2007 - Sep 2007

*Lifeguard, Water Safety Instructor*

- Worked as a lifeguard and swim instructor
- Certifications: CPR Pro, Red Cross Water Safety Instructor, Epi-pen

## EDUCATION:

**University of Southern California** Aug 2012 - May 2014

*M.S. Computer Science*

Concentration: Software Engineering

**Technische Universität Berlin** Jun 2012

*Summer Study Abroad Program*

Microprocessors, German

**University of Michigan** Sep 2009 - Apr 2012

*B.S.E. Computer Engineering*

*Minor in International Engineering*

Overall GPA: 3.0 / 4.0

**RESEARCH:****Credit Networks Team**

Jan 2012 - Apr 2012

*Research Assistant*

- Assisting Dr. Wellman with credit market trading analysis
- Designing artificial intelligence agents to simulate optimal credit trading networks

**April Robotics Laboratory**

Jan 2011 - Apr 2012

*Research Assistant*

- Assisting Dr. Olson with Computer Vision-related research interests
- Experimenting with belief propagation algorithms for the laboratory's robots

**SOAR Artificial Intelligence Project**

Aug 2010 - Aug 2012

*Researcher*

- Working with Dr. Laird on an cognitive architecture-based AI agent to control a robot
- Developing AI agents for video games using the SOAR cognitive architecture system

**Starcraft Artificial Intelligence Project**

Jan 2010 - Jan 2011

*Group Leader*

- Developing an AI agent to maximizes strategy in the RPG

**ACTIVITIES:****Humanity First**

Sep 2011 - Apr 2012

*Treasurer, Webmaster*

- Manage finances of organization
- Design and maintain organization's website

**Michigan Student Artificial Intelligence Lab**

Jan 2010 - Apr 2012

*President*

- Oversee research projects
- Manage biweekly meetings with organizations' officers
- Organize bi-monthly speaker events with AI Professors

**Phi Sigma Rho Engineering Sorority**

Jan 2010 - Apr 2012

*Vice President of Collegiate Affairs, WebMaster*

- Representing our sorority at weekly Panhellenic Council meetings
- Overseeing rules and regulations of the Greek community
- Maintain website and chapter meeting notes

**Michigan College of Engineering Mentorship Program**

Sep 2010 - Apr 2012

*Mentorship Cohort Leader, Mentor*

- Manage a group of 4-5 mentor/mentee pairs, organize events, collect reimbursement receipts from mentors
- Communicate and meet regularly with an annually assigned mentee

**Michigan College of Engineering International Programs Office**

Sep 2010 - Apr 2012

*International Buddy*

