Lizz Bartos

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OBJECTIVE

Seeking an entry-level position that interfaces between UX/UI designers, developers, and usability testers while focusing on technical design and development of software applications to meet customers' and end-users' needs.

EDUCATION

Northwestern University, Computer Science B.S., *cum laude*, Psychology minor — June 2014
McCormick School of Engineering and Applied Science ♦ *GPA:* 3.68/4.0
Michigan State University, Honors College ♦ *GPA:* 3.94/4.0 — Fall '09 – Spring '11
Illinois Mathematics and Science Academy, Aurora, IL — 2006 – 2009

EXPERIENCE

Apple, IS&T Intern, Apple Online Store (Front End Engineering) — Summer '13
- Independently prototyped an interactive user experience for 3D viewing of products in the online store
- Utilized HTML5, CSS3, and the Three.js library to create an in-browser 3D model environment

Microsoft, PM Intern, Windows Azure Application Platform Team — Summer '12
- Designed a user workflow for initializing Virtual Machines with customized operating system and applications
- Created and refined wireframes in PowerPoint for highest priority workflows and user scenarios
- Defined scope, features, and technical requirements that required approval across three divisions

Microsoft, Explore Microsoft Intern, Windows Intune — Summer '11
- Developed a prototype corporate app store in collaboration with two other Explorers
- Gained experience in multiple software development roles by rotating through PM, SDE, and SDET
- Programmed with C#, .NET framework, HTML, JavaScript, and CSS in Visual Studio

Michigan State University, Professorial Assistantship, College of Education — Aug '09 – May '11
- NSF-funded CAREER grant for mid-elementary online curriculum about genetics under Dr. Michelle Williams
- Field work, data analysis, standardization and revision of HTML for the NSF CAREER project
- Designed and created NSF CAREER grant website and professional webpage for principal investigator

AWARDS AND RECOGNITION

Tau Beta Pi Member — Spring 2014
Dean's List – all terms at Northwestern University and Michigan State University — Fall '09 – Winter '14
Google Scholar 2013 (LIME Scholarship Recipient) — July 2013
Hopper Volunteer at Grace Hopper Celebration of Women in Computing — Oct 2012
High Achieving Student Recognition, MSU Society of Women Engineers Awards Banquet — Feb 2011
Recognized students with the highest GPA in each engineering major and class
Google FUSE Participant (Seattle) — July 2010
Retreat for 50 successful and invested college sophomores historically underrepresented in CS
National Merit Scholarship Finalist — May '09 – June '13

SKILLS

Web technologies: HTML5/CSS3, Ionic Framework/AngularJS, Bootstrap 3.0/2.0, ThreeJS, SVG
Programming languages: JavaScript, C#, C++, Python, Java
Software: Unity 3D, NetLogo, Keynote

ACADEMIC ACTIVITIES AND OUTREACH EXPERIENCES

NU Women In Computing (NU WiC), Co-Founder and President — Fall '12 – Spring '14
- Created an academic and social network to support a subset of underrepresented students
- Organized, fundraised, and coordinated charter trip for 11 attendees to Grace Hopper Celebration 2013
- Responsibilities included event planning, content creation for website and advertising, grant applications, networking with faculty, students, and corporate sponsors

NU SWE Career Day for Girls Volunteer and Planning/Activity Committee Member — Feb '14, Feb '13, Feb '12
MSU Women In Computing (WIC) member
- MSU Society of Women Engineers (SWE) Awards Banquet Co-Chair, WIC Representative — Winter '11
- Girl Scout Workshops: Helped teach and assist HTML/CSS sessions grades 6-10 — Nov '10, Mar '11

Outreach/Teaching/Volunteering in CS
- Lansing Boys & Girls Club: Taught Scratch to upper-elementary students from an urban area — Spring '11
- Honors x 2 Mentor: taught a gifted female elementary student HTML — Sep '09 – Apr '10