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 of software and applications to meet customers' and end-users' needs.

EDUCATION

Northwestern University, Computer Science B.S., Minor: Psychology   June 2014
      McCormick School of Engineering and Applied Science ♦ *GPA: 3.77/4.0*
Michigan State University, Honors College ♦ *GPA: 3.94/4.0*   Fall 2009 – Spring 2011
Illinois Mathematics and Science Academy, Aurora, IL   2006 – 2009

EMPLOYMENT

Apple, IS&T Intern, Apple Online Store (Front End Engineering)   Summer '13
- Independently prototyped and presented a new user experience for 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 experience for Virtual Machine customization, including specifying and documenting scope, features, and technical requirements
- Created and refined wireframes in PowerPoint for highest priority workflows and user scenarios
- Collaborated with designers, PMs, and developers across multiple 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
- Field work and data analysis for a NSF-funded CAREER grant project under Dr. Williams
- Designed and created NSF CAREER grant website and professional webpage for principal investigator
- Designed, edited, and standardized HTML for mid-elementary online curriculum about genetics

AWARDS AND RECOGNITION

Dean's List – all terms at Northwestern University and Michigan State University   Fall 2009 – Present
Google LIME Scholarship Recipient (2013)   Jul 18, 2013
Volunteered as a Hopper for Grace Hopper Conference 2012   Oct 3-6, 2012
High Achieving Student Recognition, MSU Society of Women Engineers Awards Banquet   Feb 23, 2011
    Recognized students with the highest grade point average in each engineering major and class
Google FUSE Participant (Seattle)   July 20-22, 2010
    Retreat for historically underrepresented students to connect with one another and with Google
    Selected as 1 of 50 successful and invested rising college sophomores in computer science
National Merit Scholarship Finalist   May 2009 – June 2013

SKILLS

Web technologies: HTML, CSS, JavaScript, Bootstrap 2.0/3.0, Three.JS
Programming languages: C#, C++, Python, Java
Software: Microsoft Office (Mac/Windows), Unity 3D, NetLogo, Keynote

ACADEMIC ACTIVITIES AND OUTREACH EXPERIENCES

NU Women In Computing (WiC), President and Co-Founder   Fall 2012 – Present
    Created a new academic, professional, and social community support network at Northwestern
    Organized, fundraised, and coordinated charter trip for 11 attendees to Grace Hopper Celebration   Oct 2-5, 2013
NU SWE Career Day for Girls Volunteer and Planning/Activity Committee Member   Feb '12, Feb '13
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