Heedo Kim
Project Team Lead; Software Engineer II - Microsoft

Bellevue, WA - Email me on Indeed: indeed.com/r/Heedo-Kim/18121d69462f2764

Willing to relocate to: Boston, MA - Cambridge, MA
Authorized to work in the US for any employer

WORK EXPERIENCE

Project Team Lead; Software Engineer II
Microsoft   -   Redmond, WA - February 2012 to Present

- Led the Scrolling Feature Crew of four engineers and completed all features given the aggressive timeline.
- Coach/mentored peer engineers so that they can grow and fully own their areas.
- Worked as a primary engineer of Office Scrolling experience.
- Created the cross-platform UI composition and rendering APIs for all Office clients.
- Facilitated collaboration among multiple teams across Microsoft, such as Windows
Composition and Office clients (Word, Ppt, Excel)
- Integrated newest Windows APIs into Office by diagnosing and highlighting issues to achieve stability prior
to the release.
- Developed Immersive Office Spy, an engineering tool that enabled peer engineers to debug Universal Office
Applications.
- Improved Testability of AirSpace platform & team's test infrastructure by creating
Parameterized Testing Environment where existing component tests could be re-used.
- Developed core UI controls for Office such as Ribbon, Callout, Flyout and Toolbar.

Graduate Student Instructor
University of Michigan   -   Ann Arbor, MI - September 2010 to December 2011

Taught Database Management Systems (EECS 484) that had more than 100
students enrolled for three semesters (Fall 2010, Winter 2011 & Fall 2011).
- Managed four SQL based projects for all of the students.
- Prepared and led weekly discussion classes.

Software Development Engineer Intern
University of Michigan   -   Redmond, WA - May 2011 to August 2011

- Developed assigned features (Win32 AirSpy) on schedule with high quality code.
- Designed and developed a new infrastructure in AirSpy to allow hyperlinking
ability in Debug Log with initiative.

Full-time Research Assistant
University of Michigan   -   Ann Arbor, MI - May 2010 to August 2010

Worked with Professor Kristen LeFevre to build a machine learning tool that
helps users configure privacy settings on social networking sites.
- Presented co-authored research paper at ACM Conference on Computer and
Communications Security (CCS) 2010 on behalf of the research team.

Team Member
Team Blue   -   Ann Arbor, MI - January 2010 to May 2010

- Developed android phone application Cardex, which was featured by Google.
- Cardex had accumulated over 20,000 unique downloads in three weeks and received several offers from other firms to be launched in different regions.

Full-time Research Assistant
University of Michigan   -   Ann Arbor, MI - May 2009 to August 2009

- Worked with Professor Benjamin Kuipers to develop a Robotic Wheelchair with obstacle detection and mapping functionalities.

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Research Intern
Electronics and Telecommunications Research Institute - 2008 to 2008

- Developed Augmented Reality (AR) based Educational program as the head of research Interns.
- Learned how to write and debug LUA scripts.

EDUCATION

MSE in Computer Science and Engineering
University of Michigan Ann Arbor   -   Ann Arbor, MI
September 2011 to December 2012

BSE in Computer Science and Engineering
University of Michigan Ann Arbor   -   Ann Arbor, MI
September 2006 to April 2010

BS in Economics
University of Michigan Ann Arbor   -   Ann Arbor, MI
September 2006 to April 2010

SKILLS

SQL (3 years), LUA (Less than 1 year), C++ (10+ years), JAVA (3 years), JAVASCRIPT (1 year), LINUX (5 years), LISP (Less than 1 year), C (10+ years)

AWARDS

Valedictorian (1st among the graduating class of 2006)
May 2006

University Honors
2010
2006, 2007, 2008, 2010

Dean's List
2010
2008, 2009, 2010

Mobile Apps Innovation Challenge Winner
2010

Magna Cum Laude
2010
University of Michigan, Ann Arbor

PUBLICATIONS

A Privacy-Recommendation Wizard for Users of Social Networking Sites
http://dl.acm.org/citation.cfm?id=1866378
October 2010
Privacy is a huge problem for users of social networking sites. While sites like Facebook allow individual users to personalize fine-grained privacy settings, this has proven quite difficult for average users. This demonstration illustrates a machine learning privacy wizard, or recommendation tool, that we have built at the University of Michigan. The wizard is based on the underlying observation that real users conceive their privacy preferences (which friends should see which data items) based on an implicit structure. Thus, after asking the user a limited number of carefully-chosen questions, it is usually possible to build a machine learning model that accurately predicts the user's privacy preferences. This model, in turn, can be used to recommend detailed privacy settings for the user. Our demonstration wizard runs as a third-party Facebook application. Conference attendees will be able to "test-drive" the wizard by installing it on their own Facebook accounts.