

Nina Chen

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TECHNICAL SKILLS

Languages: Java, C/C++, Python, HTML5/CSS3, Javascript/jQuery, Actionscript, R, Matlab
Frameworks: Qt, JavaFX/Swing, JUnit, Agile/Scrum, RUP
Tools: Eclipse, Visual Studio, Qt Creator, Emacs, Apache, Axure RP, Balsamiq, Subversion, Mercurial, Git, Make, Adobe Flash/Flex, GIMP, Tableau, SolidWorks 3D CAD

PROFESSIONAL EXPERIENCE

Google, Irvine, CA 2013 – present
Software Engineer – Google Decision Platform

Sandia National Laboratories, Albuquerque, NM 2010 – 2013
Member of Technical Staff – R&D Computer Science

- Designed and developed a standalone Qt application for showcasing new program capabilities to high-profile audiences including executives, existing customers, and potential future customers
- Developed interactive data visualizations for monitoring state of health of a complex system (JavaFX, Javascript)
- Created and drove vision of proposed UI changes for several multimillion dollar programs with iteratively designed static and interactive Axure RP prototypes
- Increased efficiency of multiple user studies by implementing operational software modifications (VB6/VB.NET) and creating custom automation scripts and plugins (Python, Matlab)
- Recognized as a key point of contact on the HCI team, providing expertise both internally to fellow team members and externally when interfacing with users, stakeholders, and other developers
- Performed extensive requirements and needs gathering from on-site user observations

New York University, New York, NY January – May 2010
Special Projects Technical Assistant

- Developed a virtual machine allocator and management system for department-wide use (Python, shell scripting)

EDUCATION

Stanford University, School of Engineering, Stanford, CA
M.S. in Computer Science, specialization in Human-Computer Interaction, Jan 2012
HCI GPA 3.89, general GPA 3.36

New York University, College of Arts and Science, New York, NY
B.A., magna cum laude, double major in Computer Science (Honors) and Economics, May 2010
Presidential Honors Scholar - top 5 percent of the class
CS GPA 3.91, general GPA 3.81

HONORS AND AWARDS

Team Recipient, 2013 Sandia Employee Recognition Award
Honorable Mention, 2010 CRA Outstanding Undergraduate Researchers Award
Recipient, 2010 NYU Computer Science Prize for academic excellence and service to the department
Recipient, 2008 NYU Computer Science Prize for most promising student in the junior year
Recipient, 2006–2010 Julius Silver scholarship for merit-based achievement
Recipient, Congressional Award Bronze Medal