

Jessica Schroeder
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- Education** **University of Washington**, August 2014—Present Seattle, WA
PhD Student in Computer Science & Engineering
GPA 3.8
Pomona College, August 2010—May 2014 Claremont, CA
Bachelor of Arts in Computer Science
GPA 3.88
- Honors** ARCS Foundation Fellow (2014—Present); Harvey Mudd Computer Science Clinic Team Award Winner (2014); Pomona College Marshall and Rhodes Scholarship Nominee (2013); Grace Hopper Scholarship Recipient (2013); DREU-CRAW Participant (2013); National Merit Scholar (2010); 6-time Pomona College Scholar (2010—2013)
- Experience** **Project Manager** **Harvey Mudd College**
Expedia, Inc. *August 2013—May 2014*
• For Harvey Mudd Computer Science Clinic, which served as my senior thesis
Writing Fellow **Pomona College**
Professor Pam Bromley *August 2011—May 2014*
• Helped students improve the content, organization, and mechanics for their papers
Undergraduate Research Assistant **Carnegie Mellon University**
Professor Jennifer Mankoff *May 2013—August 2013*
• Researched how to help users of a chronic disease forum find credible information
• Developed machine learning classifiers to determine whether a given post gave an experiential account or requested information
Class Representative **University of Edinburgh**
Informatics Department *Fall 2012*
• Acted as a liaison between staff and students to help voice complaints, deliver suggestions, and learn about and improve the Informatics Program
Undergraduate Research Intern **Stanford School of Medicine**
Professor Lu Chen *May—August, 2011 and 2012*
• Ran western blots, cloned and transformed bacteria, and imaged neurons
Undergraduate Research Assistant **Pomona College**
Professor Andre Cavalcanti *January—May 2012*
• Developed a program that checked for fusion genes, which have implications in certain kinds of cancer. The program takes a FASTA-style file of paired ends of genes, finds the name of the corresponding proteins using BLAST, and outputs the paired ends that coded for different proteins.
- Publications** Crawford, J. L., Guo, C., Schroeder, J., Arriaga, R. I., & Mankoff, J. (2014). Is it a question of trust?: how search preferences influence forum use. *Proceedings of the 8th International Conference on Pervasive Computing Technologies for Healthcare* (pp. 118-125). ICST.
Sarti, F., Zhang, Z.J., Schroeder, J., and Chen, L. (2013). “Rapid suppression of inhibitory synaptic transmission by retinoic acid.” *Journal of Neuroscience*, 33(28): 11440-50.
Sarti, Federica, Schroeder, Jessica, Aoto, Jason, & Chen, Lu. (2012). “Conditional RARα Knockout Mice Reveal Acute Requirement for Retinoic Acid and RARα in Homeostatic Plasticity.” *Frontiers in Molecular Neuroscience*, 05(16).