Negar Rahmati

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○ Education

- **Stanford University,** M.S in Electrical Engineering, Software Engineering Major, 2013 - 2015
  Main courses: Machine Learning (CS229), Data mining (CS246), Database Systems (CS245), Social Network Analysis (CS224W), Research Topics in HCI (CS376), HCI Design (CS247), Multicore Systems (CS316)

- **Sharif University,** B.S. in Computer Engineering, 2009 - 2013

○ Experience

Software Engineer, Google   **April 2015 - present**
- Building user models to generate personalized recommendations for the Google Now application
- Reimplementing the sharing flow for the Google Plus Android application

Student, Ignite Program, Stanford Business School   **January 2016 - March 2016**
- Participated in the Ignite program, an intense certificate program that provides the business fundamentals while commercializing a venture idea
- Lead a team of 6 to work on my proposed business venture idea throughout the program, to onboard contractors to organizations seamlessly

Research Assistant, Human Computer Interaction Lab, Stanford University   **September 2013 - April 2015**
Advisor: Prof. Michael Bernstein
- Worked on the Flash Teams project (flashteams.stanford.edu), a sequence of linked modular tasks and handoffs that can be computationally created and managed. **[Best Paper Award, ACM UIST 2014]**
- Was part of the team who designed and created Foundry, the end user platform for Flash Teams
- Ran studies on Foundry that entailed recruiting distributed teams of online freelancers to do complex projects

Research Assistant, Energy Aware System Lab, Sharif University   **September 2011 – June 2013**
- Simulating heuristic static task scheduling algorithms for multiprocessor power optimization

Teaching Assistant, Stanford University   **September 2014 - March 2015**
- Mining Massive Datasets (CS246), Prof. Jure Leskovec, Winter 2015
- Human Computer Interaction (CS147), Prof. James Landay, Fall 2014

○ Publications

- Retelny, D., Robaszkiewicz, S., To, A., Lasecki, W.S., Patel, J., **Rahmati, N.**, Doshi, T., Valentine, M. and Bernstein, M.S., 2014, October. Expert crowdsourcing with flash teams. In *Proceedings of the 27th annual ACM symposium on User interface software and technology* (pp. 75-85). ACM. **[Best Paper Award]**
- Embiricos, A., **Rahmati, N.**, Zhu, N. and Bernstein, M.S., 2014, October. Structured handoffs in expert crowdsourcing improve communication and work output. In *Proceedings of the adjunct publication of the 27th annual ACM symposium on User interface software and technology* (pp. 99-100). ACM.
- Momtazpour, M., Assare, O., **Rahmati, N.,** Boroumand, A., Barati, S. and Goudarzi, M., 2015. Yield-driven design-time task scheduling techniques for multiprocessor system on chips under process variation: a comparative study. *IET Computers & Digital Techniques*, *9*(4), pp.221-229.
- Retelny, et al. Flash Organizations: Crowdsourcing Complex Work By Structuring Crowds As Organizations. submitted to CHI 2016.

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○ Projects

- Machine Learning Course Project: Building Fast Performance Models for Loop-Free 64-bit x86 Code Sequences (final paper)
- Social Networks Course Project: Chatous, An Anonymous Chat Website, Network Analysis (final paper)
- HCI Design Studio: Designing and developing InterArt website, an online community for artists to get inspiration and feedback from their peers
- Introduction to HCI Design: Designing and developing Hangouts, a mobile web app for Stanford students to gather in small communities
- Microprocessor Course Project: Developing a Regular Expression Parser on Cell BE Processor.

○ References

- References will be provided upon request.