

Pantea Habibi

<https://panteaa.github.io> — phabib4@uic.edu

RESEARCH	Human-Computer Interaction	AR/VR	UI/UX
INTERESTS	Interaction Techniques	Gestural Interactions	Data Science
EDUCATION	Ph.D. Candidate, Computer Science , GPA: 3.8/4 2017-present Department of Computer Science, University of Illinois at Chicago , Chicago, Illinois, USA		
	B.S., Information Technology Engineering , GPA: 17.73/20 2012-2016 Department of Computer Engineering, Amirkabir University , Tehran, Iran <i>Bachelor's Thesis</i> : Desktop as a Service(DaaS) Implementation using OpenStack		

SKILLS

RESEARCH METHODS	QUALITATIVE: Usability Testing, Content Analysis, Grounded Theory Method, Sketching QUANTITATIVE: Designing controlled experiments, parametric & non-parametric statistics
PROGRAMMING RELATED	Java(J2SE/J2EE), HTML, CSS, Javascript, R, Python, C#, C++, C, NodeJS, React Native, SQL, MySQL, MongoDB, php, Matlab, Octave, BashScript
SOFTWARES	Unity, Axure RP, Atlas ti, Adobe Creative Suite (XD, Illustrator, InDesign, Photoshop)
OS	MacOS X, Linux (Ubuntu, Ubuntu Server, CentOS, Fedora, Suse), Windows

RESEARCH

RESEARCH EXPERIENCE	Research Assistant , working on: 2017-present - Touchless Interaction Performance (in front of Large Displays/in CAVE environments/using AR,VR) - A Personal Hospitalization Application for People with Chronic Heart Failure
PEER REVIEWED PUBLICATIONS	Dunn Lopez, K., Chae, S. Girgis, M., Fraczkowski, D. Habibi, P. , Chattopadhyay, D., & Donevant, S. B. (2020). Improved Readability and Functions needed for mHealth targeting Patients with Heart Failure: An app Store Review. Midwest Nursing Research Society's Annual Research Conference, MNRS. Chicago, USA. Acharya, S., Di Eugenio, B., Boyd, A. D., Cameron, R., Lopez, K. D., Martyn-Nemeth, P., Chattopadhyay, D., Habibi, P. , Dickens, C., Vatani, H., and Ardati, A. (2019). A quantitative analysis of patients' narratives of heart failure. The 20th Annual Meeting of the Special Interest Group on Discourse and Dialogue, SIGDIAL. Stockholm, Sweden. Vatani, H., Acharya, S., Boyd, A. D., Di Eugenio, B., Cameron, R., Martyn-Nemeth, P., Chattopadhyay, D., Habibi, P. , Dickens, C., Ardati, A., & Dunn Lopez, K. (2019). Patients' Perceptions of Heart Failure Through the Lens of Standardized Nursing Terminologies. American Medical Informatics Association, AMIA, Washington. D.C., USA. Acharya, S., Di Eugenio, B., Boyd, A. D., Cameron, R., Lopez, K. D., Martyn-Nemeth, P., Chattopadhyay, D., Habibi, P. , Dickens, C., Vatani, H., & Ardati, A. (2019). Promoting Patient Engagement Through Personalized Hospital-Stay Summaries. IEEE International Conference on Biomedical & Health Informatics, BHI . Chicago, IL, USA. Habibi, P. , Acharya, S., Di Eugenio, B., Cameron, R., Boyd, A. D., Lopez, K. D., Martyn-Nemeth, P., Dickens, C., Ardati, A., & Chattopadhyay, D. (2019). Designing self-care technologies for HF patients: A conceptual model. Workgroup on Interactive Systems in Healthcare, WISH. Glasgow. Habibi, P. , & Chattopadhyay, D. (2019). A Left-Hand Advantage: Motor Asymmetry in Touchless Input. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, CHI, ACM. Glasgow, UK.

NON-PEER REVIEWED PUBLICATIONS	Habibi, P. (2019). Touchless Performance in Non-Preferred Hands. ACM Richard Tapia Celebration of Diversity in Computing Conference. San Diego, CA, USA.	
	Habibi, P., & Chattopadhyay, D. (2018). Touchless Performance in Non-Preferred Hands. CRA-W Grad Cohort for Women Conference. San Francisco, CA, USA.	
	WORK <hr/>	
INTERNSHIP	Software Engineer – Machine Learning, American Express , New York, USA.	Summer 2020
	Software Engineer – Java, Bank Saderat Iran , Tehran, Iran.	Summer 2015
	HONORS & AWARDS <hr/>	
HONORS	<ul style="list-style-type: none"> - Ranked 1st in terms of cumulative GPA among students of Information Technology, Class of 2012 beginners, Amirkabir University of Technology, 2016. - 1st Place, At home Robots league, AUTCup , Tehran, Iran, As a member of Sepanta Team, 2013. - Qualified for participation, 3D Soccer Simulation League, As a member of Scorpius Team: RoboCup2014(Brazil), RoboCup2013(Netherland) IranOpen2013(Tehran, Iran), PNUOpen2013 (Mashhad, Iran). - Ranked 900 in nation-wide university entrance exam for undergraduate studies with 260,055 participant, 2012. - 4th Place, 2D Soccer Simulation League, Khwarizmi Robotics Festival , Tehran , Iran, As a member of Nike Team, 2010. 	
TRAVEL AWARDS	Grace Hopper Celebration for Women in Computing(GHC), Orlando, FL, USA.	2019
	ACM Richard Tapia Celebration of Diversity in Computing, San Diego, CA, USA.	2019
	CRA-W Grad Cohort for Women Workshop, San Francisco, CA, USA.	2018
	TEACHING <hr/>	
TEACHING EXPERIENCE	Graduate Teaching Assistant	
	Department of Computer Science, University of Illinois at Chicago	
	Software Design(CS342)	Fall 2017, Spring 2018
	Undergraduate Teaching Assistant	
	Department of Computer Science, Amirkabir University of Technology	
	Software Engineering 1	Fall 2015
	Advanced Programming	Spring 2014, Spring 2015
	Computer Architecture	Spring 2015
	Fundamentals of Management	Fall 2014
	Principle of Computer and Programming	Fall 2013
	SERVICE <hr/>	
PEER-REVIEW	Conference Reviewer	
	CHI: ACM Conference on Human Factors in Computing Systems(2019-2020)	
	MobileHCI: ACM Conference on Human-Computer Interaction with Mobile Devices and Services(2020)	
ADMINISTRATIVE	Student Volunteer at Conferences	
	Human Robot Interaction(HRI) Conference, Chicago, IL, USA	March 2018
	IEEE BHI-BSN Conference, Chicago, IL, USA	May 2019
	Student Volunteer at Amirkabir University of Technology	
	Amirkabir International Collegiate Programming Contest (Jointly with Technische Universität München)	Nov. 2015
	7th Amirkabir Linux National Festival	May. 2015
	2nd National Competition to Design Digital Systems	Apr. 2015
	HEAD OF FINANCE BOARD	
	Student Scientific Chapter of Computer Engineering Department	Dec. 2014 - Dec. 2015