Alireza Shafaei

Curriculum Vitae (September 23, 2018)

PERSONAL INFORMATION	ICICS building, University of British Columbia 201-2366 Main Mall Vancouver, B.C. V6T 1Z4 Canada	www.shafaei.ca shafaei@cs.ubc.ca github.com/ashafaei

EDUCATION

- **The University of British Columbia**, Vancouver, Canada
  Ph.D. in Computer Science   Jan 2016 - Jan 2021
    ◇ Supervisor: James J. Little and Mark Schmidt.

  M.Sc. in Computer Science   Sep 2013 - Dec 2015
    ◇ Supervisor: James J. Little.
    ◇ GPA: 91.6/100 (**A+**).
    ◇ Thesis: "Multiview Depth-based Pose Estimation".

- **Amirkabir University of Technology** (Tehran Polytechnic)
  B.Sc. in Software Engineering, Tehran, Iran   Sept 2009 - Jun 2013
    ◇ GPA: 17.07/20 (**A**).

RESEARCH INTERESTS

◇ Machine Learning, Deep Learning, Computer Vision, Optimization

PUBLICATIONS

◇ **A. Shafaei**, M. Schmidt, and J. J. Little. Does Your Model Know the Digit 6 Is Not a Cat? A Less Biased Evaluation of Outlier Detectors. Arxiv, 2018.

◇ **A. Shafaei**, J. J. Little, and M. Schmidt. Play and Learn: Using Video Games to Train Computer Vision Models. in Proc. of British Machine Vision Conference (BMVC), York, UK, 2016.

◇ **A. Shafaei** and J. J. Little. Real-Time Human Motion Capture with Multiple Depth Cameras. in Proc. of 13th Conference on Computer and Robot Vision (CRV), Victoria, Canada, 2016. **(Oral Presentation)**

◇ A. Gupta, **A. Shafaei**, J. J. Little and R. J. Woodham. Unlabelled 3D Motion Examples Improve Cross-View Action Recognition. in Proc. of British Machine Vision Conference (BMVC), Nottingham, UK, 2014.

REVIEWER FOR

◇ BMVC17, NIPS18

HONORS AND AWARDS

◇ Awarded the **UBC 4-Year Doctoral Fellowship**, Vancouver, Canada, 2015.

◇ 2nd place award of the 13th **International Data Mining Cup**, Berlin, Germany, 2012.

◇ Awarded as **Outstanding Student** in Amirkabir University of Technology, 2011.

◇ 1st place award of the 12th **National Khwarizmi Young Award** , 2011.

◇ 2nd place award of the 10th **National Khwarizmi Young Award**, 2009.

◇ Recipient of the **National Elite Foundation Four-Year Scholarship**, 2009.

◇ Recognized as a **Scientific Elite** by the National Elite Foundation of Iran, 2009.

TEACHING EXPERIENCE

Teaching Assistant, University of British Columbia

◇ CPSC 540 Graduate-level Machine Learning (Winter 2015-18)

◇ CPSC 340 Machine Learning (Winter 2016)

◇ CPSC 425 Computer Vision (Winter 2014)

◇ CPSC 221, 320, 420 Algorithm Analysis and Design (Summer 2013-2014)

JOB EXPERIENCE

◇ **MITACS Intern at Xtract Technologies Inc. (Jan. 2017 - Apr. 2017)**
  Part-Time Machine Learning Engineer at Xtract Technologies Inc. (May 2017 - Dec. 2017)
  Design and development of machine learning-backed infrastructure for industrial applications.
  Webpage: `www.xtract.ai`
  Address: Suite 208, 1505 W. 2nd Ave., Vancouver BC, Canada, V6H 3Y4.