Alireza Shafaei — Curriculum Vitae (August 11, 2016)

Personal Information

ICICS building, University of British Columbia
201-2366 Main Mall
Vancouver, B.C. V6T 1Z4 Canada

E-mail: shafaei@cs.ubc.ca
Homepage: cs.ubc.ca/~shafaei

Education

- **The University of British Columbia**
  Ph.D. in Computer Science, Vancouver, Canada — Jan 2016 - Dec 2020 (exp)
  - ◇ Supervisor: James J. Little and Mark Schmidt.

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

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

Research Interests

- ◇ Machine Learning
- ◇ Optimization
- ◇ Computer Vision
- ◇ Deep Learning

Honors and Awards

- ◇ Awarded **UBC 4-Year 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**[1], 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.

Publications

- ◇ **A. Shafaei**, J. J. Little, and Mark 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.

Teaching Experience

Teaching Assistant, University of British Columbia

- ◇ CPSC 340 Machine Learning (Winter 2016)
- ◇ CPSC 540 Machine Learning (Winter 2015)
- ◇ CPSC 425 Computer Vision (Winter 2014)
- ◇ CPSC 320 Intermediate Algorithm Analysis and Design (Summer 2014)
- ◇ CPSC 221 Basic Algorithms and Data Structures (Summer 2014)
- ◇ CPSC 420 Advanced Algorithms Design and Analysis (Winter 2013)
- ◇ APSC 160 Introduction to Computation in Engineering Design (Fall 2013-15)

[1] Given annually by the **Iranian Research Organization for Science and Technology** to individuals who have made outstanding achievements in research, innovation and invention.