Kaihua Tang

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EDUCATION

Shanghai Jiao Tong University, Shanghai, China

- M.S. in Computer Science   Sep 2015 – Mar 2018
  - Thesis: Deep Feature Selection and Mapping for Cross-Age Face Retrieval
  - Adviser: Prof. Lizhuang Ma
  - Focus: Computer Vision, Machine Learning.
  - Cumulative GPA: 3.17 / 3.3

Waseda University, Graduate School of IPS, Kitakyushu, Japan

- M.S. in Information (Dual Master Exchange Program)   Oct 2014 – Jul 2016
  - Thesis: Eigen-Aging Reference Coding for Cross-Age Face Verification and Retrieval
  - Adviser: Prof. Sei-ichiro Kamata
  - Focus: Computer Vision, Machine Learning.
  - Cumulative GPA: 3.76 / 4.0

Shanghai Jiao Tong University, Shanghai, China

- B.S. in Computer Science   Sep 2011 – Jul 2015
  - Adviser: Prof. Kai Yu
  - Cumulative GPA: 3.47 / 4.3 (or 3.59 / 4.3 without Four University English Courses)
- Second Major in Chinese Painting   Sep 2012 – Jul 2014
  - Adviser: Qi Wang
  - Cumulative GPA: 4.05 / 4.3

University of California, Berkeley, California, USA

- Summer Session   Jul 2013 – Aug 2013

RESEARCH EXPERIENCE

Kamata Lab and Digital Image Lab, Waseda and SJTU

- Project: Age-Invariant Face Recognition   Feb 2016 – Mar 2018
- Project: Age Estimation   Sep 2016 – Dec 2016

TOSHIBA Research & Development Intern, TOSHIBA, Tokyo

- Project: Image Inpainting   Aug 2015- Sep 2015

PUBLICATIONS

CONFERENCES

K. Tang, et al., "Eigen-Aging Reference Coding for Cross-Age Face Verification and Retrieval," in *Asian Conference on Computer Vision*, Taipei, (pp. 389-403) Nov 2016.

K. Tang, et al., "Deep Feature Selection and Projection for Cross-Age Face Retrieval," in *10th International Congress on Image and Signal Processing*, Shanghai, Oct 2017.

AWARDS & SCHOLARSHIPS

- Waseda Partial Tuition-Waiver Scholarship for Privately Financed International Students   Oct 2015
  GPA rank Top 10 out of 300.
- Monbukagakusho Honors Scholarship for Privately Financed International Students   Oct 2014
- Academic Excellence ScholarShip of SJTU   2013 – 2014
  third class
- Emerging Talent Award, Cloud Programming World Cup   Nov 2013
  A software development competition hosted by FORUM8 in Tokyo.

WORK EXPERIENCE

Mihoyo Full-Time Internship, Shanghai   May 2017- Nov 2017

- Software Engineer, Mobile Game Development

TOSHIBA Summer Internship, Tokyo, Japan   Aug 2015 – Sep 2015

- Project: Natural Image Stitching and Inpainting
- Mentor: Kaoru Matsuoka

Indie Game Development, IOS App Store

- Mobile Game Development: Defend Crops & Honeycomb Space
- Downloaded over 10k times on Apple store in half a year.

SKILLS   MATLAB, C#, Java, C++, Python, Swift, Objective C

LANGUAGES
- Chinese: Native language.
- English: Fluent (GRE 328).
- Japanese: Basic (N2).

VOLUNTEER ACTIVITIES
- YAPM Summer Volunteer Program, TECC Organization   Jul 2014 – Aug 2014
- Volunteer of Spring Festival Railway Transport   Feb 2013
- Volunteer of TORAY Cup Shanghai International Marathon   Dec 2011

INTERESTS   Outdoor Activities (Hiking, Camping, Mountaineering, Roller Skating, etc)

[*CV compiled on 2017-11-27*]