Jun Li
Curriculum Vitae

PERSONAL DETAILS

Gender   Male
Address   1405 Kelly Engineering Center, Corvallis, OR, 97330, USA
Phone   (509) 592-8245
Mail   `liju2@oregonstate.edu`

EDUCATION

PhD. in Computer Science   Sep.2017-now
Oregon State University

Courses: reinforcement learning, algorithm design, error-correcting codes, graph theory with applications to computer science, computer vision 2.

Advisor : Sinisa Todorovic. GPA:3.88. Research direction : machine learning, video segmentation, optimization in deep learning, information geometry.

PhD. in Computer Science   Aug.2015-Aug.2017
Washington State University

Courses: machine learning, artificial intelligence, deep learning, structured prediction, algorithm design, computer architecture, automata and formal language, program language design, computer networks, computational genomics.

Research direction : machine learning, deep learning, optimization.

BS. in Math Science   Sep.2006-July2010
Fudan University

Courses: linear algebra, calculus, probability, abstract algebra, ordinary derivative equation, complex variables functions, functions of real variable, mathematical modeling, space analytic geometry, fundamental mechanics, equations of mathematical physics, topology, computer program design.

EMPLOYMENT

Machine Learning Research Engineer   June.2019 - Sept.2019
AiBee, Intern

Job description: numerical optimization for speeding up training of eid classification, model distillation for speeding up inference of reid classification.

Advanced Machine Learning Engineer   Feb.2015 - Aug.2015
Ctrip, Full-time

Job description: room and hotel ranking and recommendation, user profile analysis, interview question bank compilation.

Machine Learning Engineer

MadHouse, Full-time
Job description: the Ecpm ranking and target advertising.

Graphic Algorithm Engineer

Spreadtrum, Full-time
Job description: design and develop object animation and lighting on mobile App.

Software Engineer

Xiangyou Digit Corporation, Full-time
Job description: design and develop an online game platform, and also develop a Game Server and Client on a TV show in China.

Statistician

VAV, Full-time
Job description: statistical analysis and algorithm design of digital audience rating, software development, IPTV massive data analysis.

SKILLS AND EXPERIENCE

Artificial Intelligence	Machine learning, Video Segmentation, Model Distillation, Optimization in Deep Learning, Information Geometry.
Languages	Mandarin (mother tongue) English (fluent)
Programming language	Python, Matlab, c#,Java, c/c++, scala

PUBLICATIONS

1. Jun Li, Yongjun Chen, Lei Cai, Ian Davidson, Shuiwang Ji. Dense Transformer Networks for Brain Electron Microscopy Image Segmentation (IJCAI 2019).

2. Jun Li, Peng Lei, Sinisa Todorovic. Weakly Supervised Energy-based Learning for Action Segmentation (ICCV 2019 oral. 4.3% oral rate).

3. Jun Li, Fuxin Li, Sinisa Todorovic. Efficient Riemannian Optimization on the Stiefel Manifold via the Cayley Transform (ICLR 2020).

4. Jun Li, Sinisa Todorovic. Set-Constrained Viterbi for Set-Supervised Action Segmentation (under reivew of CVPR 2020).

AWARDS

1. 2005 Second prize of Shanghai maths contest.
2. 2005 Third prize of Shanghai TI maths contest.
3. 2005 Second prize of China maths contest.
4. 2006 First prize of Shanghai maths contest.