WENWEI ZHANG

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37 Luoyu Road, Hongshan District, Wuhan, Hubei Province, China

EDUCATION

Wuhan University — Wuhan, China
B.S., Software Engineering, GPA 3.65, Rank 1/356 — Expected May 2019

· Relevant coursework: Artificial Intelligence, Pattern Recognition, Data Mining, Digital Image Processing, Computer Network, Data Structure and Algorithms, Computer Organization and Architectures.

SKILLS

Programming Languages	Python, Lua, Matlab, C/C++, JAVA
Deep Learning Frameworks	Pytorch, Torch, Caffe, Tensorflow
Software & Tools	LaTeX, OpenCV

EXPERIENCE

iNCML Lab, York University — Toronto, Canada
Summer Research Intern — June. 2018 - August. 2018

· Study on methods for Natural Language Processing(NLP) tasks, attending group meeting, reading papers and reproduce experiments results of current state-of-art framework.
· Research on Question and Answering (QA) Tasks, apply Fixed-Size Ordinally-Forgetting Encoding(FOFE) method with feed forward neural network in QA to get compatible results.

SenseTime Group Ltd — Beijing, China
Research Intern at Segmentation Group — Jan. 2018 - May. 2018

· Research on vehicle panorama stitching for free space detection and warning, as a part of Advanced Driver Assistant System.
· Help develop scene recovery algorithms in vehicle path planning project for autonomous driving.
· Undertake investigation into lane detection and segmentation using Fully Convolutional Networks; reading relative papers, coding, doing experiments and co-authoring the progress into patents and paper, with one paper accepted by ACMM-2018.

Financial Information and Services Science Laboratory, Wuhan University — Wuhan, China
Research Assistant — Dec. 2015 - Feb. 2018

· Investigated the origin of consciousness and human intelligence by surveying relevant literature and co-authoring the progress into books and papers.
· Conducted research on new algorithms to standardize the speech for speech recognition applying Matlab.
· Researched on frameworks of Blockchain currently in the market, including Bitcoin and Ethreum, and used the Blockchain platform to build a web application for education, based on Ethreum.

Research on the new media dissemination of terrorism information under the background of big data and Its Countermeasures, Wuhan University — Wuhan, China
Research Assistant — Jun. 2017 - Dec. 2017

· Studied the new media dissemination of terrorism information in the context of big data as well as the countermeasures.
· Wrote web crawler for twitter, trained word embedding model using Gensim and performed sentiment analysis of the crawled txt.

· Read and collected data for terrorisms events, and performed data mining and analysis.

A.L.T Team, Wuhan University   Wuhan, China

Team Leader   May 2017 - Nov. 2017

· As the team leader, developed a blockchain-based online educational platform in the 2017 Citi Financial Innovation Application Competition, got the winning prize.
· Developed the first Wechat small application of Wuhan University, which accumulated approximately 5000 users.
· Developed an H5 application, which introduced popular food around Wuhan University using the statistics data collected by the News Center of Ziqiang Studio

ACHIEVEMENTS

Publication

· H. J. Cai, Tianqi Cai, Wenwei Zhang, Kai Wang. Before the Rise of Machines, The beginning of Consciousness and the Human Intelligence, published by Tsinghua University Press in March, 2017. Awarded the Wu Wenjun Award for Science and Technology of Artificial Intelligence.
· Guoxiang Qu*, Wenwei Zhang*, Zhe Wang, Xing Dai, Jianping Shi, Yu Qiao
· H. J. Cai, Tianqi Cai, Wenwei Zhang, Kai Wang. The Beginning and Evolution of Consciousness, accepted by AIIE 2016, successfully indexed by CPCI-S (ISTP indexing).

Awards

· National Scholarship	2016
· Merit Student of Wuhan University	2016
· Champion of Wuhan University Zhongxia Debate Competition	2017
· Second Place of the Sixth WHU v.s. HZUST Dragon Boat Competition	2017
· Third Prize of the Seventh National College Mathematics Competition	2015