

Junxi Huang

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Summary:

- A curious and quick learner who loves challenges.
- Agile, adaptive, and innovative problem solver.
- Patient, open-minded, and effective communicator with demonstrated leadership

Education Background:

09/2017~Present MS, Information Science (expected 12/2018)
University of Pittsburgh

09/2013~06/2017 BE, Software Engineering
University of Electronic Science and Technology of China (UESTC)

Internship Experience:

01/2016~04/2017 Zhongcheng Technology of Jilin(China)
Participated in the project of Instant Message Interactive System. I was responsible for the design and development of core code of instant message transmission and the back-end.

lab Experience:

01/2016~04/2017 Flush Bonding Lab of UESTC
In this lab, I took part in a research study using Neural Network and Deep Learning. My part was to build a model to recognize bottles in video by using YOLO(CNN), leveraging GPU for the training process, and evaluate the accuracy of this model.

Major project Experience:

Data Mining Project (01/2018~04/2018)	This project is to reproduce a paper named Learning Similarity Metrics for Event Identification in Social Media (2015). We use tf-idf to represent each text-feature and then use single-pass cluster to group different events. Then get an appropriate threshold to training data and finally get the result similar to the author.
E-Business Website (09/2017~12/2017)	Built a book selling website including both the sever-end and front-end using Django, HTML, CSS, Python and MySQL. I was responsible for the design and development of database, SQL, and portion of the back-end.
Machine Learning Project (01/2018~04/2018)	Using different classification methods, including K-NN, Logistic Regression, SVM, Decision tree, I developed models to analyze Kickstarter data to infer which kind of proposal has bigger probability to be sponsored.
A OpenCV Face Recognition System (03/2015~01/2016)	Played the role of a team leader, I was mainly responsible for the global design, development, evaluation, and implementation of a facial recognition system with dynamic video feed through a camera, using PCA.
University Website (09/2015~01/2016)	I was the main developer to conduct demand analysis for Experimental Center of School of Information and Software at UESTC and develop some server-side code using HTML, PHP, CSS and JS.

Skills:

- Familiar with Machine Learning and Data Mining, like Linear Regression, SVM, K-NN, K-Means, Decision Tree etc.
- Extensive experience with C, C++, Java, C#, PHP, Python, R
- Familiar with application development, including android, OpenGL, OpenCV and have some knowledge in graphical development and CAD; Familiar with Hadoop.
- Experienced with Spring MVC, Django and AWS development
- Familiar with Windows, MAC and Linux operation systems;