Junxian Wu

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OBJECTIVE

Pursuing a software engineer intern position in summer 2016

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, Georgia
- Expected graduation date: B.S. May, 2016, M.S. May, 2017
- Bachelor of Science in Computer Science, will continue study for Master degree after graduation
- Concentration: Intelligence & Media
- Overall GPA: 3.85, Major GPA: 3.89
- Faculty's Honor: Spring 2013 & Fall 2014, Dean's List: Fall 2012, Fall 2013, Spring 2014

PROJECTS

Machine Learning Project Experiment with Yelp Dataset Challenge   May 2015 - Aug 2015
- Inferred the categories tags of business from the reviews with multi-classification algorithm
- Worked on the review text data preprocessing with python
- Prepared multi-categories data with python and Weka GUI
- Picked appropriate categories that can describe most of instances to be classified
- Best case: one error accuracy 71.3% and overall accuracy with 47.0%

Team Android App development: Shopping with Friends   Dec 2014 – May 2015
- Led the development of an online mobile-app that users can share sales information with friends
- Applied Firebase to implement real time notification feature
- Applied Google Map API to implement location service for sales
- Administered the branches in Github repository
- Github Repository: https://github.com/axeisghost/cpc-documentary

Video Game on Gameboy Advance   April 2015
- Curtain shooting game programmed in C
- Used GBA development tool TONC including DMA graphic control
- Github Repository: https://github.com/axeisghost/gba-curtain-shooting-game

Controller design for a chemical industry reactor   March 2015 - May 2015
- Designed the algorithm of controller to maintain the reactor condition with the input data from sensor
- Used Matlab to model the reactor and Simulink to tune the controller

EXPERIENCES:

Doctor Polo Chau's Lab in Georgia Tech   June 2015 - Present
Undergraduate Research Assistant
- Set up Hadoop Cluster by providing hardware support
- Will experiment data mining algorithms on the Hadoop Cluster

SKILLS

Programming Languages/Tools:
- Proficient with Java, Python, C and Matlab
- Familiar with Machine Learning Tool Weka
- Familiar with WebGL

Operation system:
- Windows, Linux, MacOS

AWARD

GuangDong, China Olympiad in Informatics, Junior Students Division   2008
- Second Place Prize