TIANCHENG GONG

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Objective_____

INTERNSHIP FOR 2016 SUMMER

Education_____

BS DEGREE: **GEORGIA INSTITUTE OF TECHNOLOGY -- ATLANTA, GA (2013 FALL – 2016 SPRING)**

- Major: Computer Science
- GPA: 3.86/4 (Overall GPA)   4/4 (Major GPA)
- Courses: Intro to AI, Machine Learning, Computer Vision, Advanced Algorithms, Robotics

Projects_____

- Web-App Development: Auto Course Scheduler   2016.1 – present
    – Participated in the project design, including SOW, FR and detailed design
    – Participated in the implementation of retrieving courses from a third party website
    – Implemented the auto course scheduler using AC-3 (Arc Consistency #3) algorithm
- Machine Learning Project: Yelp Dataset Challenge (Potential Tags for Business)   2015.5 – 2015.8
    – Compared and picked the proper learning tools for multiple classification problems
    – Reviewed and revised the preprocessing of the original data
    – Learned and implemented multi-classes algorithms using Meka
    – Collected and interpreted the results for all experiments
- Team Project: Social and Productive Application for Shopping Purpose   2015.1 – 2015.5
    – Designed and drafted the relations among packages and classes
    – Completed the registration system and log in system: registration, log in/off, find password (backend)
    – Implemented some of the user operations: add/remove friends, look up users, edit profile
    – Designed and drafted the UI of the App
- Personal Project: Heat Transfer Model of an Irregular Solid   2015.4
    – Calculated the temperatures of different locations of the model with the varying of the time
    – Visualized the changing of the temperatures of each unit of the solid according to the time

Experience_____

- Undergraduate Research Assistant: Point Process   2015.9 – 2015.12
    – Extend the Research Object to multiple Users with multiple Event Types
    – Construct the Likelihood Function over a Single Column of the Infectivity Matrix
    – Update the Infectivity Matrix dynamically with Self-Correction

Skills & Abilities_____

- Programming Languages: Java (Primary) , Python , Matlab , C , HTML , CSS , JS(AngularJS) , Android
- Development Tools: Eclipse , IntelliJ , Android Studio , Github
- Speaking Languages: Chinese (Native) , English (Fluent)