

TIANCHENG GONG

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Objective

SOFTWARE ENGINEERING INTERN

Education

MS DEGREE: GEORGIA INSTITUTE OF TECHNOLOGY -- ATLANTA, GA (2016 FALL – PRESENT)

- Major: Computer Science – Machine Learning & Computer Graphics
- GPA: N/A

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

- Major: Computer Science – Theory & Intelligence
- GPA: 3.82/4 (Overall GPA) 4/4 (Major GPA)

Experience

- Tezign (Shanghai, China), Software Developer Intern 2016.6 – 2016.7
 - Built the Pipeline of Customer-Designer Matching Process
 - Designed and Implemented the User Engagement Feature using Machine Learning Algorithm
 - Designed and Implemented the Recommending System which tripled the Matching Accuracy
- Georgia Tech, Undergraduate Research Assistant 2015.9 – 2015.12
 - Extended the Research Object to multiple Users with multiple Event Types
 - Constructed the Likelihood Function over a Single Column of the Infectivity Matrix
 - Updated the Infectivity Matrix dynamically with Self-Correction

Projects

- Web-App Development: Auto Course Scheduler 2016.1 – 2016.4
 - 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 Weka
 - Collected and interpreted the results for all experiments
- 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

Skills & Abilities

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