TIANCHENG GONG

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Objective

SOFTWARE ENGINEERING INTERNSHIP SPRING/SUMMER 2017

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 – 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 Meka
  - – 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

Experience

- Tezign, Software Developer Intern 2016.6 – present
  - – Built the Pipeline of Customer-Designer Matching Process
  - – Designed and Implemented the User Engagement Feature using Machine Learning Algorithm
  - – Designed and Implemented the new Matching Algorithm 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

Skills & Abilities

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