Bowei Feng

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Education

Southeast University, College of Software Engineering   09/2013-07/2017

❖ B.E. in Software Engineering, GPA:3.24

❖ Honours and Awards: The 3rd Prize in kid-size in Robot World Cup China Open, 2015

The excellent cadre of students of the college of Software engineering, 2014-2015

The first prize in 11th RoboCup robot competition of Southeast University. 2015

Rutgers University, Department of Computer Science   08/2018-now

❖ Master of Computer Science, GPA:3.67

Work Experience

National Instruments China

Software Engineer   07/2017 – 05/2018

❖ Responsible for the 75% development of NI Requirement Gataway and update with responses from users

❖ Participated in the software development of LabVIEW (the latest edition)

❖ Responsible for 50% function development and all testing in Diff project team, accelerated the whole work to end before two iterations

Software Engineer Intern   07/2016 – 04/2017

❖ Participated in the software development of LabVIEW (the latest edition)

❖ Responsible for function development and testing in Diff project team

❖ Introduced the demo of the Diff team in the iteration meeting with headquarters of the US

❖ Orchestrated the team building of new interns

Research Experience

Robot World Cup China Open   06/2015 – 10/2015

Programmer / Team Leader

❖ Organized the design plans and steps, programmed for the robot, and achieved its function of ball positioning, searching and control in soccer games

❖ In charge of image algorithm module and implemented Monte-Carlo algorithm to realize the function of positioning and accurate extraction of field edges, reduced 80% running time

❖ Chaired the team to conduct modelling on robots with Webots and instituted simulation of realistic soccer games

Driving Records Processing and Analyzing Platform   07/2015 – 09/2015

Captain

❖ Utilized Hadoop technology to set up a platform of data processing and data analyzing to analyze driving records

❖ Used MapReduce to analyse fuel consumption, HBase to store data, JSP and JASON to present data on the website

❖ In charge of team management, task assignment, daily report, and final presentation

Stock Prediction Website   02/2019 – 05/2019

Captain

❖ Utilized MongDB to restore stock data collected from the Alphavantage API

❖ Used Flask and Jinja2 to express our website, and used Plotly.js to show the real-time stock information, also added some details on website such as user input prediction.

❖ Established different methods like DNN, Bayes Fitting and SVR to predict the short-term and long-term stock price change, kept the error rate with 5%

Technical Skills

❖ Programming Language：Python，C++，C#，Java