

XUQIANG FANG

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EDUCATION

East China University of Science and Technology

Automation, Department of Automation

September 2010 - July 2014

Overall GPA: 90/100, Ranking 6/214

Shanghai Jiaotong University

Control Engineering, PhD program, Department of Automation (Dropped Out)

September 2014 - March 2016

Eindhoven University of Technology

Data Science, EIT Program entry university, Department of Mathematics and Computer Science

September 2016 - August 2017

Eindhoven University of Technology

Data Science, EIT Program exit university, Faculty of Electrical Engineering and Computer Science

October 2017 - Present

TECHNICAL STRENGTHS

Strength Apache Hadoop&Flink, Statistical Analysis, Algorithms, Time Series Analysis
Machine Learning, Process Mining

Language C/C++, Java,R,Python,JavaScript,SQL

COURSES

Core Courses

Foundations of Data Mining

Web Information Retrieval and Data Mining

Advanced Algorithms

Probability and Stochastics

Applied Statistics

Visualization

Geometric Algorithms

Algorithms for Geographic Data

Statistical Learning Theory

Database Technology(current)

Compiler Design(current)

EXPERIENCE

Freescall Smart Car Racing Competition

December 2012- August 2013

National Automation Subject Competition for Undergraduates

- This competition is to build a smart car equipped with a digital camera and a Freescall microprocessor, the car is placed on a white board with two black lines on the edge, the camera takes the real-time image and transforms it into digital signal, the microprocessor calculates the route and controls the steering motor as well as speeding motor to finish the route as fast as possible.

Siemens Industrial Automation Ltd. Shanghai

Oct 2013 - March 2014

Internship

- Siemens PCS7 Control System control loop testing, this work involves the testing between analog signals and digital signals, to make sure the two signals correspond with each other.
- Chemical process diagram development, this work involves the development of monitoring interface for a beer brewing process.

Hotspot Detection on New York cab record

March 2017

Course Project for Algorithms for Geographic Data

- This project is to give a formal definition of a specific pattern(hotspot) and find the pattern within geographic data(New York cab record).

HONORS AND AWARDS

East China University of Science and Technology Honors Graduate, Special Class Grade Scholarship
(2010-2011, 2011-2012, the winner has to be above 90 in average grade and above top 2% in ranking)
Freescale National Smart Car Racing Competition, National Second Prize.