

Ruochen Chang
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Gender : Female

PROFILE

- Master of Computer Science
- Master of Engineering in Software Engineering
- Bachelor of Engineering in software Engineering

INTERESTS

- Artificial Intelligence
- Machine Learning
- Data Mining
- Big Data

EDUCATION

September, 2019-present University of Texas at Arlington;

Master of Computer Science

September, 2018-present Beijing University of Posts and Telecommunications;

Master of Engineering in Software Engineering

Core modules : Operation system, Computer networks, Database system, Objected oriented analysis and design , Compilers principles and techniques, Software engineering, Software process improvement, Software quality control and testing, Software Project management

September, 2014-June, 2018 Beijing University of Posts and Telecommunications;

Bachelor of Engineering in Software Engineering

Core modules : Operation system, Computer networks, Database system, Objected oriented analysis and design , Software engineering, Software process improvement, Software quality control and testing, Software Project management

Scholarships : has won a Third-class scholarship three times

PROJECT EXPERIENCE

October, 2018-present Criminal management forecasting system

Name of Position : Java development

Description of responsibilities

- Data processing
- Social network prioritization
- Suspect level prediction
- abnormal detection

Accomplishments

PageRank algorithm was used to realize the importance ranking of characters based on time slice.

Realized node suspect index prediction and anomaly detection

January, 2018-April, 2018 Implementation of administrative management system

Web development

Description of responsibilities

- Implementation of administrative management information transmission and reception
- Implementation of the chat subsystem

Accomplishments

Implemented a complete administrative management system, including the release of management information and the collection of management information.

May, 2017-August,2017 Indoor positioning navigation system based on two-dimensional code

Android development

Description of responsibilities

- Render map with Amap API
- Hierarchical tour
- Planning a route

Accomplishments

Implemented an indoor navigation app that can realize indoor navigation and route guidance of the mall.