

Zhao Chang

zhao-chang@outlook.com • 86-18514427185

Education

Northeast Dianli University

Jilin, China

- B.S in Electrical Engineering and Its Automation; GPA:3.6/4.0 Sept 2013 - Jun 2016
- Relevant Coursework: Object-oriented Programming, Database Principle and Application
- Award & Honors: First grade scholarship(top 5% of department), Excellent Student Leader, The ACM Asia Provincial Contests Silver Medal

Work Experience

Chinese Academy of Sciences

Beijing, China

Engineering Intern

Jan 2016 - present

- Designed and developed distributed web crawler.
- Built academic knowledge base.
- Developed the search system of academic knowledge base.
- Developed the demonstration system of knowledge-based entity relationship.
- Developed the visual relevance analysis system for information security.

China Women's Film Festival

Beijing, China

Web Engineer (part-time)

Mar 2016 - May 2016

- Developed content management systems.

Jilin Bureau of Economic Investigation

Jilin, China

Programming Trainer (part-time)

Apr 2015 - Jul 2015

- Taught officers programming and database design.

Chinese Academy of Sciences

Beijing, China

Engineering Intern

Jan 2015 - Mar 2015

- Developed the online analysis and alert system of error.

School of Information Engineering, Northeast Dianli University

Jilin, China

VR Intern

Jan 2015 - Mar 2015

- Participated in the design of the project solution (*Cloud-based Visualization Analysis Platform for Big Data in power Grid*).
- Developed the visual engine of the system.

Project Experience

Design of Monitoring and Control System for Interconnection of Mobile Device and the Household Appliance

Oct 2014 - Mar 2015

- Presented and designed an intelligent monitoring and control system based on Raspberry Pi.

Device Design of Short-distance Audio Transmission Based on Optical Technique

May 2014 - Jun 2014

- Designed a device that can transform the audio signal into the infrared ray signal.

On-campus Experience

Student Enrollment and Employment Office

Nov 2013 – Jun 2016

Chief of technology dept.

- Developed the Student Employment Information Website of Northeast Dianli University ^[link].
- Built the employer distribution system of Northeast Dianli University ^[link].
- Designed and developed the Admission Information Website of Northeast Dianli University ^[link].
- Developed the Application Analysis and Speculation System of College Entrance Examination of Northeast Dianli University ^[link].
- Developed the printing system for admission notices information of Northeast Dianli University.

Student Enrollment and Employment Office

Oct 2013 – Jun 2016

Supervisor of software studio

- Designed and developed the official website of Architecture Engineering College ^[link].
- Designed and developed the official website of nation-local joint engineering laboratory for power system security operation and energy saving technology ^[link].

Propaganda dept. of Northeast Dianli University

Feb 2014 – Jul 2015

Assistant of network technology

- Designed and developed official website of propaganda dept. of Northeast Dianli university ^[link].
- Designed and developed the Northeast Dianli University's website of 'mass line' campaign ^[link].

Skills

Language: PHP, Python, Javascript, Nodejs, C, C++, C#, Matlab, SQL

Tools: Octave, Git, Vim, ElasticSearch, D3, Kafka, Docker, Hodoop, Unity3D

Platforms: Mac OSX, Unix/Linux, Windows