Zhao Chang

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Education

Northeast Dianli University   Jilin, China
- B.S in Electrical Engineering and Its Automation   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 visual relevance analysis system for academic information.

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.

School of Information Engineering, Northeast Dianli University   Jilin, China
VR Intern   Mar 2015 – May 2015
- Participated in the design of the project solutions (*Cloud-based Visualization Analysis Platform for Big Data in power Gird*).
- Developed the visual engine of the system.

Chinese Academy of Sciences   Beijing, China
Engineering Intern   Jan 2015 - Mar 2015
- Developed the online analysis of error.

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 the 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 system that displays the employer's distributions [link].
- Designed and developed the Admission Information Website of Northeast Dianli University [link].
- Developed the Analysis and Speculation System of College Entrance Examination of Northeast Dianli University [link].
- Developed the printing system for admission notices information.

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