
EDUCATION

Duquesne University, McAnulty College and Graduate School of Liberal Arts, Pittsburgh, PA

M.S., **Mathematics and Computer Science** (*Expected May 2020*)

China University of Geosciences, Faculty of Information Engineering, Wuhan, China

M.S., **Software Engineering** (*Jul 2015*)

- Thesis: Bezier Curve Based Path Planning for Mobile Robots

B.S., **Software Engineering** (*Jul 2012*)

- Thesis: Design and implementation of a laser marking system software
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EMPLOYMENT

Lenovo, Beijing (*Jul 2015 - Apr 2017*)

System Development Engineer at Department of Online Service Delivery

Group leader, Lenovo Service App (*Oct 2016 - Mar 2017*)

- Developed API for Android invoking based on Laravel frame and MySQL.
- Built a bridge between customers and engineers with an online chat or a video call.
- Recorded and analyzed the purchase and repair information of consumers to provide the statistical analysis and use for further push notifications through this application.
- Created WeChat app for pushing order information into the user's chat once user scanned the QR code in their maintenance order.
- Won Best Team Award prize for the team's high-efficiency and hard work.

PHP Programmer, Station Wi-Fi Access by WeChat (*Jul 2016*)

- Used WeChat API and Wi-Fi hardware equipment to collect the information from connected facilities.
- Recorded and analyzed the connecting information (including time, duration, location, and actions), to show the change of customer flow in each station and to send different messages to customers distinctly classified by the corresponding connection.

C# Programmer, Video Service System (*Nov 2015 - Feb 2016*)

- Used .NET Framework, SQL Server and LETV API to create related functions to upload, update and play videos, and developed Backstage Management System and Foreground display system.
- Used Sharp Zip Lib to decompress package file on the server.

C# Programmer, Engineers Review and Reward System (*Aug 2015 - Oct 2015*)

- Based on .NET with program language of C# and database of SQL Server realized functions related to engineers.
- Customers can send feedback through the service by evaluating or rewarding the engineer on the web app.
- Built interfaces used for related projects to get engineers' information.
- Optimized the database query performance by optimizing the indexes, query conditions and paginating results, reducing the response time. Won Innovation Award of The Year prize.

China University of Geosciences, Wuhan (*Jul 2012 - Apr 2015*)

Research Assistant at Robotics and Artificial Intelligence Laboratory

Developer, The CRM System Customization (*Oct 2013 - Jan 2014*)

- Using an open source Vtiger CRM system, designed and realized data transfer function from an old system (based on office software) to the new system (based on Web).
- Adjusted customer information module to fit the new demand construction.

Leader, Geological Exploration Projects in Henan province (*Jan 2012 - Oct 2013*)

- Led programming of web service and constructing the website (Browser/Server and Client/Server).
- Managed the work of debugging and test, including function test and performance test.
- Designed the Master Page to fulfill different permission control and respective exhibition.
- Used a charting component to show statistical charts.

Designer, The Humanoid Robot Simulation and Assembly Videos (*Jun 2012 - Dec 2012*)

- Used OGRE to realize the robot motions simulation and debug actions of the robots.
- Used modeling tool SolidWorks to create the models of the humanoid robot and assembly videos.

INTERNSHIPS AND ASSISTANTSHIPS

Teaching Assistant, College Algebra, Duquesne University, Pittsburgh (*Aug 2018 - Present*)

Future Leader Intern, Lenovo Inc. Beijing (*Dec 2014 - Jan 2015*)

Optimized and enlarged the function of service station for mobile users

Data Analyst Intern, Baidu Inc. Beijing (*Jul 2014 - Sep 2014*)

Responsible for data processing, analysis and be a group leader of an intern group

Teaching Assistant, Discrete mathematics, China University of Geosciences, Wuhan (*Sep 2013 - Feb 2014*)

AWARDS AND HONORS

- ✧ Best Team Award, Lenovo, Beijing (*2017*)
- ✧ Innovation Awards of The Year, Lenovo, Beijing (*2015 - 2016*)
- ✧ Individual of Assessment Field in 5.4 Advanced, China University of Geosciences (*2013 - 2014*)
- ✧ Outstanding Graduate, China University of Geosciences (*2012 - 2013*)
- ✧ National Motivational Scholarship, China University of Geosciences (*2011 - 2012*)