# ZHIYUAN LING

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## Academic Background

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| 05/2019 | George Washington University | Computer Science | M.S. |
| 07/2016 | Jiangxi Agricultural University | Software Engineering | B.E. & B.A. |

## Work Experience

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| 10/2016 - 11/2016 | Jiangxi Guangeryi Ltd. | Java Engineer | Internship |
| 07/2015 - 10/2015 | Beijing Totemtech Ltd. | Java Engineer | Internship |

## Projects

**01/2018 - 05/2018**    **AI for Generalized Tic Tac Toe**    Course Project

- I design and implement GUI based on JavaFX and contribute to most of the major AI algorithms, including Alpha-Beta Pruning and Iterative Deepening. This program supports multiple game modes, including PVP, PVE and Online EVE gaming.

**01/2018 - 05/2018**    **Computer Simulator**    Course Project

- It is a simulator program written in JavaFX, which essentially simulates a simple computer. The simulator reads in binary programs and executes all the instructions, including IO instructions. I design the structure of the program and contribute to 90% of the code.

**01/2018 - 05/2018**    **AppointmentPeach**    Course Project

- An appointment management plugin for Wordpress. This project was a group project and I was the P.M. I coordinate the teams and also coded several essential functions.

**10/2016 - 11/2016**    **Online Advertisement Trading Platform**    Internship Project

- I am responsible for the Log module and the Web Crawler module. The project was based on Spring MVC, Shiro and MyBatis.

**04/2016 - 06/2016**    **Hi Weather - Weather Website**    Graduation Project

- This website was developed specifically for my graduation thesis, which is based on Kotlin, Spring Boot, Hibernate and MySQL. The program embeds different kinds of Web Crawler as the highlight, also scheduled tasks are introduced to fetch data automatically.

**07/2015 - 10/2015**    **Online Social Platform for Gourmets**    Internship Project

- I'm responsible for the implementation of most back-end APIs, including a CMS module. In addition, I'm also the operator of the test server for the project, and I developed a fully functional shell script to help improve the efficiency in the test deployments.

**07/2015 - 10/2015**    **Online Water Quality Monitoring Platform**    Internship Project

- I design and implement the main structure of the program independently. The program communicates with remote water quality monitoring devices via Socket.

## Career Objectives

I'm always eager to enhance my knowledge about new and emerging trends in the tech community, so I'm looking for a challenging role in a reputable organization to utilize my technical, and management skills. Specifically, I'm seeking for an opportunity to serve as a Back-End Developer in a progressive organization.