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## Technical Skills

Java, Java SE, Java EE (Servlets, JSP), Spring, Thymeleaf, MySQL,

Object-Oriented Programming, Test-Driven Development, Version Control with Git, Paired Programming,

HTML, CSS, Bootstrap,

JavaScript, jQuery

## Education

### Oracle Certified Programmer

Passed the oca exam and earn the Oracle Certified Associate, Java SE 8 Programmer Certification

### **Codeup**

Certificate of Completion  
May 2020 - Nov 2020

A project-based and highly intensive over 20 week full-stack Java career accelerator that provides students over 670 hours of expert instruction in software development

### **UTSA**

Pursuing Master Degree of Mechanical Engineering

### **Liaoning University of Technology in China**

Bachelor of Mechanical Engineering

Sep 2007 - Jul 2011

Completed four years of undergraduate Mechanical Engineering studies

## My Achievements

### Shell - Tiger Paws

Art was published in a literary art journal composed of St. Phillip's College students' writing and artwork that was edited by a student editorial stall. Pg.47

**Scholarship** for two years in UTSA

# Zihan Zhao

## Software Developer

A dynamic, hands-on, detail-oriented, back-end Software Developer that spends time learning technology extensively, data gathering, code documentation and analyzes areas of modification to develop software solutions. Exemplary verbal and written communicator who demonstrates professionalism and clearly conveys project parameters with team members and stakeholders.

## Development Projects

### Tryit Diet

A user-driven platform to promote health by making it easier to learn more about different diets to not only battle obesity, but covid-19. This project was built by a team of 4 individuals using HTML, CSS, JavaScript, Java and implements the Filestack Application Programming interface.

### AdLister

A group Java EE project with create, read, update, and delete functionality. With collaboration I was responsible for backend logic that created user objects, updated users, show data, view redirection functionality, limiting new users to only unique usernames, and login/logout functionality.

### Weather Application

Utilized Mapbox API to render longitude and latitude of a pinpointed location, and integrated openWeatherMap API to display the 5 day weather forecast at the pinned location. Used JavaScript ES6 and JQuery for dynamic functionality.

### Movie Application

JavaScript application that allows users to search, add and delete movie's information by name and category. Using AJAX, HTML and CSS to style the front-end.

### Coffee Project

With a balanced paired-programming dynamic we took separate responsibilities between rendering data with interfacing pleasing to the user. I was responsible for front-end design, and assistance with core functionality.

## Professional Experience

**University of Texas in San Antonio** - San Antonio, TX

*Grader* / Aug 2014 - Jul 2015

- Graded 50 Mechanical Engineering assignments per week
- Graded highly comprehensive Mechanical Engineering tests extensively

**Humane Society** - San Antonio, TX

*Volunteer* / May 2017 - Jun 2017

- Volunteered to take care of animals
- Cleaned animal's living environments
- Organized "play time" for animals and future owners
- Was responsible for keeping animals active