

XUN PEGGIE ZHONG

Computer Science
Graduate Student

PERSONAL INFO

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EDUCATION

Arizona State University
Ira A. Fulton Schools of Engineering
Master of Computer Science
GPA 4.0
2020 - Present

Columbia University
Teachers College
M.A. in Applied Linguistics/TESOL
GPA 3.9
2014 - 2016

**University of International
Business and Economics**
B.A. in Business Translation
GPA 3.86
2010 - 2014

PROGRAMMING LANGUAGES

Java
C#/ASP.Net
HTML/CSS
JavaScript
Python
SQL

SKILLS

Bilingual Communication
Leadership
Collaboration
Programming Logic
Data Structure

PROFESSIONAL EXPERIENCE

Software Engineer

National Youth Orchestra of China 2017 - Present

- Built and maintained static website using ReactJS and Netlify
- Implemented responsive designs (mobile/tablet/desktop)
- Responsible for code, testing, and deployment over several launches

Instructional Coordinator

National Youth Orchestra of China 2017 - Present

- Designed and lead the development of the language curriculum for Chinese musicians aged 14 to 21
- Managed a team of two direct reports and over thirty seasonal staff, and implemented three month-long residencies and concert tours throughout the United States, China and Europe
- Performed large scale English-Chinese translation projects for organization-wide communication materials with SDL Trados Studio and MemoQ

FULL-STACK PROJECT

Directory Web for Campers

Technologies: JavaScript, HTML/CSS, NodeJS, Bootstrap, MongoDB

- Built a responsive Yelp-like web application where users can post campsites with descriptions of the features, pricing and ratings and review others' posts
- Implemented a RESTful architecture with ExpressJS
- Built user authentication with Passport and Mongoose

COURSE PROJECTS

Body Mass Index Calculator

Technologies: C#, JSON, ASP.net, Azure, Swift

- Developed a BMI web app with RESTful APIs and SOAP APIs using ASP.Net, and a BMI mobile app with Swift and XCode

Sport Concussion Assessment System

Technologies: Java, Astah

- Created an application that helps sport medical practitioners monitor athletes' conditions for symptoms of concussion

Geospatial Data Analysis

Technologies: Apache Spark, Hadoop Distributed File System, Scala, Amazon EC2

- Performed Hot Cell Analysis on the New York City Yellow Cab dataset to identify fifty most significant hot zones for pick-ups and drop-offs