**Annie Zhang Backend Developer | Software Engineer**

Mountain View, CA | 425-500-8889 | [anniezhangmv@gmail.com](mailto:anniezhangmv@gmail.com) | LinkedIn: [AZ](https://www.linkedin.com/in/annie-zhang-mv/) | Github: [AZ](https://github.com/anniegezhang) | Portfolio: [AZ](https://happyannie.pythonanywhere.com/)

**TECHNICAL SKILLS**

**Backend:**Python,Java, Django, Spring boot, AWS, DynamoDB, MySQL database, Dagger, SQL, Git, GitHub, Maven, REST API, Bash

**Frontend:** JavaScript, HTML, CSS, Bootstrap

**Data Analysis**: SQL, SAS, Statistics, Excel

**Additional**: Agile Project Management, Data structure, Algorithms, Debugging, Deployment

**PROJECTS**

**Personal Portfolio Website,** *Backend, Front Developer- PYTHON | DJANGO | HTTP | CSS | JAVASCRIPT |* [Github](https://github.com/anniegezhang/portfolio)

* Built and deployed a website using python and Django to display my resume, LinkedIn profile, GitHub profile, my blog and other software engineering projects
* Created backend management system using Django to add/edit/delete my projects
* Designed and coded frontend of website using HTML, CSS, JavaScript and bootstraps

**Playlist API,** *Backend Developer- JAVA | AWS LAMBDA | DynamoBD | DAGGER | RESTAPI |* [Github](https://github.com/anniegezhang/playlist-API-with-AWS-lambda-and-DynamoDB)

* Built an RESTAPI with functionality such as create, retrieve, update and delete playlists, as well as add and delete songs
* Utilized DynamoDB to store all the playlists’ and songs’ information
* Utilized AWS lambda function to realize get, post, put and delete methods of the APT

**Package Fulfillment Service,** *Backend Developer- JAVA |* [Github](https://github.com/anniegezhang/packageFulfillmentService)

* Built a backend system to assign order packaging to different fulfillment centers
* Access the available packaging options in different fulfillment centers

**Stock Tracker API,** *Backend, Front Developer- PYTHON | DJANGO | HTTP | CSS | JAVASCRIPT | RESTAPI|* [Github](https://github.com/anniegezhang/portfolio/tree/main/stock)

* Created web app allows users to check their selected stock's performance over the past five days
* Allows users to calculate the best time to buy and sell the stock during the past five days, as well as the maximum profit per share

**Sudoku Game,** *Backend, Front Developer- PYTHON | DJANGO | HTTP | CSS | JAVASCRIPT |* [Github](https://github.com/anniegezhang/portfolio/tree/main/sudoku)

* Created a sudoku game app utilizing backtracking algorithm so players could play sudoku game online

**Password Generator,** *Backend, Front Developer- PYTHON | DJANGO | HTTP | CSS | JAVASCRIPT |* [Github](https://github.com/anniegezhang/portfolio/tree/main/password)

* Created an easy-to-use interface that helped users create password according to different criteria

**WORK EXPERIENCE**

**Communities Foundations of Texas,***Dallas, TX - Data Analyst* 2019 – 2021

* Lead all the program strategic analysis efforts: monitoring and analyzing program and outside data to provide insights, information and identify opportunities to support program operation
* Lead all the program reporting efforts: Dashboard creation and Maintenance; Annual Final Report calculation and creation; other ad hoc reports and data documentation
* Assist Director of NTGD in all technology platform related issues: regular meetings with website vendor to address program need

**EDUCATION**

**Virginia Tech,***Master of Science in Agricultural and Applied Economics*

**Shandong University***, Bachelor of Economics (Major in Finance)*