**Fangqi Yuan**

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Education

M.S. Computer Science University of California, San Diego 9/2022-present

B.S. Computer Science University of California, San Diego 9/2020-6/2022

B.S. Computer Science Pennsylvania State University 9/2018-6/2020

修改方向: MS的gpa写上，课程稍微写一点

WORK EXPERIENCE

Intern, Software Engineer, *Shanghai ShiYou Network Co.Ltd.* 6/2020-9/2020

Shanghai, China

* Had an experience of using pandas in python program.
* Gathered statistics about the internal financial data and reported it.
* Compiled statistical on all kinds of state data in the game and reported it. Reported on whether the data is sufficiently balanced.
* Tried to debug a new game developed by the company.
* Put forward new ideas for the company’s games.
* 修改方向: 干了什么具体一点，do presentation，python技术用了什么

Intern, Software Developer, *Industrial and Commercial Bank of China Limited (ICBC)*  5/2019-9/2019

<https://www.icbc-ltd.com/ICBCLtd/en/>

* Maintained database for ICBC by using SQL through Toad. Refactored the process that reported error and passed the check. Manually passed the infinite process and wrote down the causes and number of errors. Manually added new data to existing database.
* Developed Android Apps by using JavaScript and SQL. Coding for a mobile phone APP to monitor the passage of each database process. In the process of coding for an App, I need to make my own decisions about the important information displayed on the screen.
* Had an experience in developing applications on both PC and IOS/Android devices.
* 修改方向: 1）使用relational algebra简化了SQL操作，加快了员工查询目标据库的速度2）开发了查询公司数据库，进程状态栏的应用，使员工效率增加3）使用react.js, Bootstrap, Dev tool来改进自己的应用，使IOS/android也能使用，增加了员工的工作效率。
* 修改方向: Full Stack Web Development, React.js, Node.js, PostgreSQL, JavaScript, HTML5/CSS3, DOM Manipulation, Debug with Chrome Developer Tools, Bootstrap

Research experience

Convex Optimization, *University of California, San Diego* 3/2023-6/2023

Team Member, Make improvement of SVR in stock price prediction.

* We aim to optimize SVR equation, which minimizes the w and the epsilon to make our regression line fit the prices on the graph through the timeline.
* I am mainly responsible for writing the primal formulation, dual formulation and differentiating on the KKT Conditions.
* I write the model by using SVR model in sklearn and optimize it by changing the weight and epsilon which can better fit the short-term stock price compared to SVM.

Recipe Website, *University of California, San Diego* 3/2021-6/2021

Team member, Recipe Manager Website

* The app we created is called iCook. It is to help those who have little to no experience in cooking. Our application allows users to easily store their favorite recipes in lists by easily looking up their lists, creating a new list, updating existing lists and deleting recipes from them.
* I am mainly responsible for writing code for recipe components, homepage, recipe page, and search page. For the recipe component, I helped our team design the style and implement JavaScript, which is the basic component of our recipe app. For the homepage, I implemented our app style into code by adding recipe component. For the search page, I design the code where we can search the recipe from the api key and has several filters to narrow the available search components. For the recipe page, I implemented the whole design and successfully realized the checklist function in our recipe.
* 修改方向: 干了什么，达到了什么效果
* 修改方向: HTML5, CSS3, GITHUB, DOM Manipulation, Debug with Chrome Developer Tools

Skills

Computer Skills:

* Python, C++, Java, SQL, JavaScript
* 修改方向: 写上familiar和proficiency
* 修改方向: 加上个人website的地址并加入personal project