

# Chen Wang

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## **EDUCATION**

University of Rhode Island, Kingston, RI  
*Bachelor of Science: Computer Science*

May 2020

## **RELEVANT COURSEWORK**

- Object-Oriented Programming
- Data Structures & Abstractions
- Software Engineering
- Programming for Data Science
- Operating Systems & Networks
- Database Management Systems
- Design & Analysis of Algorithms
- Machine Learning
- Computer Organization

## **TECHNICAL SKILLS**

- **Languages:** Python, C/C++, SQL
- **Technologies:** Windows, Linux, Microsoft Office Suite, Jupyter Notebook, Version Control, Docker

## **RELEVANT EXPERIENCE**

### ***Research Assistant***

Artificial Intelligence Lab; University of Rhode Island, Kingston, RI

Jan - May 2020

- Contributed to the project titled "Machine Learning to Access Critical Thinking Skills"
- Utilized Natural Language Processing to build an auto-grader and tested its accuracy by using the paragraph embedding method and different Machine Learning algorithms including Logistic Regression, Naive Bayes, and Support Vector Machine to achieve the best result
- Documented all significant milestones and results for weekly meetings and reports

## **PROJECTS**

### ***Web Database***

Jan - May 2019

- Utilized SQL, PHP, and the Silex Web Framework to develop a web-based application
- Created and operated a Published Works relational database by using cPanel
- Built an interface that users can use to access the database from the web to search the database, log in as an existing user, register as a new user, and view information about data pulled from the database
- Executed dynamic SQL queries to retrieve data such as finding a list of all editions with the title and publication date, a list of all authors with names, and a list of all authors with their works

### ***Student Alcohol Consumption***

Jan - May 2019

- A data analysis and modeling project to explore the Student Alcohol Consumption dataset with the visualization tools
- Built-up different Machine Learning models including Linear Regression, Regression Trees, and KNN Regression to find the best model, summarized and reported the result

### ***URI Course Checker***

Sep - Dec 2018

- Brainstormed ideas and wrote software requirements specification for the project
- Created design documents, drew UML diagrams, and collaborated with team members to build a Google Chrome extension for students to get notified of open classes during enrollment periods
- Programmed in C++, Python, CSS, HTML, and JavaScript
- Discussed the project process and shared works in weekly meetings

## **OTHER EXPERIENCES**

**Counter Server**, China House Chinese Restaurant; Woonsocket, RI

Oct 2020 - Current

- Actively cooperate with the team to achieve a daily performance goal
- Demonstrate multi-tasks skills by communicating with customers and ensure the needs of the customers is well performed

**Laundromat Attendant**, Smith Hill Laundromat; Providence, RI

Mar - Aug 2017

- Communicated and consulted with customers to resolve issues
- Processed sale transactions and reported to the supervisor regarding daily work tasks

## **CERTIFICATIONS**

- **Fundamentals of Visualization with Tableau** | University of California, Davis | Nov 2020
- **Excel Skills for Business: Essentials** | Macquarie University | Feb 2021

## **LANGUAGE SKILLS**

- Chinese: Native
- English: Fluent
- Japanese: Beginner