

Shirui Chen

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Summary

As a dedicated computer science student actively working towards a degree, I am eager to apply my web development skills and gain practical experience. I am seeking a summer intern position in 2024 to contribute to a dynamic team, further advance my knowledge in computer science, and make valuable contributions to web development projects.

EDUCATION

Northeastern University	Vancouver, BC
M.S. in Computer Science	Sep 2023 - Expected Dec 2024
Key Courses: Objected Oriented Design, Data Structures, Algorithms and Their Applications Within Computer Systems	
University of Southern California	Los Angeles, CA
M.S. in Analytics, GPA: 3.6/4.0	Jan 2022 - May 2023
Syracuse University	Syracuse, NY
B.S. Mathematics and Economics, GPA: 3.5/4.0	Aug 2018 - Dec 2021

TECHNICAL SKILLS

Data Analysis and Visualization: SQL, Python, R, Tableau, Microsoft Azure

Programming languages: C, C++, Java, Python, JavaScript, HTML, CSS

Tools: Tableau, Microsoft Software Sets (Advanced Excel), SAP

PROFESSIONAL EXPERIENCE

Tencent	Beijing, China
Strategy Operation, Intern	Dec 2020 - May 2021
<ul style="list-style-type: none">Collaborated with the team mentor in engaging daily operation of Tencent news content and led a new tagging system rebuilt project.Led the project to rebuild the tagging system, starting with researching and analyzing the shortcomings of the existing system and developed a detailed project plan.Collaborated with developers to design and develop the new system, conducted testing and refinement iterations to ensure the system's functionality and effectiveness.The new tagging system significantly improved the efficiency of content tagging, leading to a 30% reduction in tagging time. Content categorization became more accurate, enhancing the user experience by delivering more relevant content to readers.	
CITIC Bank	Changsha, China
Customer Service Representative, Intern	May 2020 - Jun 2020
<ul style="list-style-type: none">Provided pre-transaction services according to guidelines to cater to customer needs.Identified customers' needs for financial service, introduced financial products based on their risk tolerance and anticipation for reward.Helped plan and implement marketing events for multiple financial products to boost sales.	

PROJECT EXPERIENCE

Email Spam Detection (Natural Language Processing), Github Link	Aug 2022 - Oct 2022
<ul style="list-style-type: none">Collected 10K+ email data to identify potential spam.Pre-processed data by one-hot encoding, trained classifiers using encoded training data set, and performed cross-validation to measure the performance of each classifier.Predict the F1 Score of each model using the encoded test set, achieving an accuracy of 0.72 for the decision tree and 0.75 for the gradient boosting.	
Responsive Website Development Project with Bootstrap , Tindog Project	Aug 2023 - Sep 2023
<ul style="list-style-type: none">Developed a responsive website project using Bootstrap, focusing on design and functionality.Designed a user-friendly interface, incorporating a responsive navigation menu and interactive elements.Ensured cross-browser compatibility, optimized performance, and implemented SEO enhancements.Successfully deployed the website, demonstrating proficiency in front-end web development and modern web technologies.	