

Yu Tang

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SKILLS

- **Languages:** Java, SQL, C, C++, Python, JavaScript, HTML, CSS
- **Design tools:** Axure, Sketch, Balsamiq

WORK EXPERIENCE

- Hongcheng Environment Inc. Operation & Maintenance Technician Jan 2024 – July 2024**
- Monitored data of water quality and pressure to ensure water is properly filtered, and uninterrupted clear water delivery to communities.
 - Operated and maintained water supply system, conducted regular inspections and preventive maintenance on equipment and facilities.
- Carleton University Teaching Assistant Jan 2023 – June 2023**
- Teaching assistant in Discrete Structures II course. Collaborated with the professor to mark assignments and host weekly office hours.
- Didi, Inc. Product Manager Intern Jan 2022 – July 2022**
- Investigated bottlenecks and consolidated user needs to draft proposal in DevOps Platform, which is the R&D tool for supporting Didi's process of "requirement-development-test-build-deployment-online".
 - Interdepartmental cooperated and ensured the process of projects such as a new version of Personal Workbench, Docker Management, Test case management.
 - Analyzed and collected data to relocate 300+ event tracking and adjust data structures using Python and SQL.
 - Provide and present monthly report and functions update log for 6000+ R&D users using Sketch.
- NetEase, Inc. Data Center Product Manager Intern August 2021 – December 2021**
- Designed prototypes using Axure and documented logistics to optimize a data computing and quality monitoring platform.
 - Gathered user needs and feedback using questionnaires, ensured and managed iteration of functions lifecycle.
- Jiangxi Radio & TV Network Corporation Product Manager Intern April 2021 – July 2021**
- Participated in construction and design of a news information, livelihood services application.
 - Designed prototypes using MockingBot and wrote logics documentation for optimizing functions.
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PROJECT

Optical Character Recognition

- Collaborated with team to develop an Optical Character Recognition program using Bayes Theorem in the field of artificial intelligence, which recognized characters by comparing pixels of character image in the dataset image.

Traffic Sign Recognition

- Implemented computer vision techniques such as: color segmentation and contour segmentation to segment traffic sign regions in images and recognize the image based on the image of database in Python with OpenCV libraries.
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EDUCATION

Carleton University 2018 – 2023
Bachelor of Computer Science, Management and Business System, Co-op | Minor in Business | CGPA 10.33/12.00