Ran (Audrey) Wang

Computer Science Student

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TECHNICAL SKILLS

Programing Languages	Software	Certifications
• Java	• Office Suite	• SAS BASE Programing
• R/SQL	• GitHub/GitKraken	• Good Clinical Practice
• SAS	• AutoCAD/SolidWorks	

EDUCATION

University of British Columbia   Sept 2023 – present
Bachelor of Science – Computer Science   Vancouver, BC
Co-op: Available for 4/8/16 months beginning September 2024
CGPA: 89%

Capital Medical University   Sept 2013 – Jun 2018
Bachelor of Medicine in Clinical Medicine   Beijing, China
GPA: 3.75 /4.0

TECHNICAL PROJECTS

Patient Tracking System, University of British Columbia   Feb 2024 – present
Course Name: CPSC210 – Software Construction   Vancouver, BC
- Implemented a robust backend system using Java to alert doctors about upcoming patient follow-ups and appointments, enhancing adherence to clinical trial protocols.
- Created an intuitive user interface with JavaSwing, allowing clinical staff to easily input and access patient information.
- Integrated JSON for seamless data interchange, optimizing data storage and retrieval processes.
- Designed customizable reporting features to generate detailed summaries of patient statuses and trial progress for stakeholders.

WORK AND INTERNSHIP EXPERIENCE

Core Medical Co., Ltd.,   Jul 2020 – present
Data Management   Beijing, China
- Oversee data validation processes at project nodes, utilizing SQL and SAS programming to query problematic data efficiently.
- Collaborate with sponsors to initiate 10 cardiovascular stent clinical projects within 3 years, contributing to the development of case report forms and data management plans.
- Identify and analyze bugs in existing databases, closely liaising with the IT department to enhance database functionality.
- Facilitate technical training sessions during bi-weekly meetings to enhance the competencies and teamwork efficiency of new employees.
- Stay abreast of industry advancements by obtaining the latest Good Clinical Practice (GCP) certificate and SAS basic programming certificate.

Cardiff University School of Medicine   Nov 2017– Dec 2017
Resident Intern Doctor   Wales, UK

Xuanwu Hospital,   Sept 2016 – Jun 2018
Resident Intern Doctor   Beijing, China

ACTIVITIES AND INTERESTS

- Volunteer for Marine Life Conservation
- Swimming, Snowboarding, Hiking
- Member of Local Archery Club