

Rui Qi (Katie) Zhan

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SKILLS

Proficient Languages: Javascript, C, C++, HTML, CSS, Java

Platform and Tools: Firebase, AWS Lambda, Actions on Google, Dialogflow, AWS DynamoDB

Frameworks: React, Node.js, Bootstrap

EXPERIENCE

Innovation Web Application & Voice Developer

January 2019 – April 2019

Sun Life Financial – Toronto, ON

- Implemented back-end integration of ESB services with the SLF Google Home skill
- Leveraged AWS DynamoDB to simulate user storage features in the SLF Alexa skill
- Applied sentiment analysis in order to provide a personalized customer experience
- Worked within team following Agile Scrum methodologies

Innovation Web Application Developer

May 2018 – August 2018

Sun Life Financial – Waterloo, ON

- Redesigned and developed 2 front-end internal websites with over 500 users
- Leveraged bootstrap and jQuery to create responsive UX and clean UI
- Assisted in organizing and coordinating the first internal Sun Life Hackathon

First Responder with CPR/AED Level HCP

2014 – 2018

City of Richmond – Vancouver, BC

- Captain of the First Responder team of 10 at Lord Byng Secondary School
- Provided over 150 hours of medical care for the City of Richmond
- Coordinated and delegated first-aid coverage at the 3 day Ship-to-Shore festival

PROJECTS

Athena AI | Evoke Hackathon

- An interviewing AI chatbot that allows users to simulate a real interview by speaking to it
- Uses IBM Watson Speech to Text API to accurately convert speech to text
- Leverages Azure Text Analytics API to analyze user speech and provide feedback

Sorcery

- An object-oriented card game similar to Hearthstone built using C++
- Utilizes many design patterns to easily integrate a wide variety of cards and custom decks

reSTARant | StarterHacks

- A react native mobile app which allows users scan restaurant signs and instantly see reviews
- Uses Google Cloud Vision API for OCR and Google Places API to determine the specific restaurant

EDUCATION

Honours Bachelor of Computer Science

September 2017 – April 2022 (Expected)

University of Waterloo – Waterloo, ON