Rui Qi (Katie) Zhan

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Technical Skills

Proficient Languages: JavaScript, C, C++, Java, HTML, CSS
Platform and Tools: AWS Lambda, AWS DynamoDB, Dialogflow, Firebase, Actions on Google, Marvel
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 and persistence in the SLF Alexa skill
- Applied **sentiment analysis** in order to provide a personalized customer experience

Innovation Web Application Developer   May 2018 – August 2018
Sun Life Financial – Waterloo, ON
- Redesigned and developed 2 **front-end** internal websites with # of 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
- Leveraged **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