

KIRK (JIATIAN) YUAN

Web Developer



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github.com/JKirkYuan

Languages

Java

Javascript

C#

Framework/ Libraries

Node.JS

React

Redux

HTML/CSS

Bootstrap

JQuery

Environment & Tools

UNIX/Linux

Git/Github

AWS

Unity

Experience

Junior Cloud Engineer — June 2018 - August 2018

- Writing Automation scripts to manage Microsoft Azure VMs and Web Apps to reduce errors and billing costs
- Researching and enforcing Agile development with Visual Studio Team Services

Human Computer Interaction Researcher — May 2017 - August 2017

Used a Leap Motion device to capture hand movements and developed a Unity program that explores the usability of a gesture based marking menu compared to traditional menus

Availability

- Available for 8 months starting Winter 2018

Projects

Rick and Morty React-Redux App

- An application that fetches dead characters from the show using an Axios http request
- Handles information about each character on the page by managing current state using Redux

React Youtube App

- A Youtube clone built using ReactJS
- Wrote components in Babel and bundled scripts with Webpack

Senior Sensors

- Created a tool with Arduino 101 chip and attached different sensors to detect discrepancies in movement for a senior
- Created a Node.JS app that utilizes Twilio's API to send text message alerts to individuals who are looking after the senior
- Won Best IoT Prize from Ericsson and Best Use of Twilio API Prize

Giveaway App

- Attended DeCODE Spring 2017 to create a Ruby on Rails application with Shopify API that can handle giveaway events from merchants
- Worked on modernizing the design of the signup form and collecting inputs from user

Education

Carleton University — Sept 2015 - Present

- Bachelor of Computer Science, Computer and Internet Security Stream
- 3rd Year Undergraduate, CGPA 8.48/12 (B)
- Expected Graduation June 2021

Extracurriculars

CUHacking Sponsorship Lead — Nov 2017 - April 2018

- Wrote template emails and contacted companies for sponsorships

GraphQL Workshop — Nov 2017

- Ran a workshop for Local Hack Day on GraphQL to teach hackers how it can be used to solve problems caused by RESTful APIs.