

KIRK (JIATIAN) YUAN

Web Developer



kirkyuan.com



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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

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 12 months starting Fall 2018

Projects

React Youtube App

- A Youtube clone built using ReactJS
- Wrote components using 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

Personal Webpage

- Designed a personal webpage to display personal portfolio
- Programmed with HTML, SCSS, Flexbox, CSS Grid, JQuery, and an Express server to host the website

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.