

KIRK YUAN

Web Developer

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github.com/JKirkYuan

Languages

Git
Java
Javascript
C#
HTML
CSS

Technologies

Node.JS
React
Redux

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

Projects

Quest of the Round Table

Turned an old board game into a Unity game that supports Single-player hot-seat and Online Multiplayer

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

Uncharted Realms

Collectable card game in Lua, that is based around it's own Neural Network

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

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.