

Rikitaro Suzuki

Phone: (914) 302 - 9828

Linkedin: <https://www.linkedin.com/in/rikitaro-suzuki/>

Email: r.suzuki@queensu.ca

Github: github.com/emper911/

PROJECTS

Head-Tracking Dodgeball Game using a Wii Remote and IR Leds

Mar 2019 – Apr 2019

- Collaborated in the development of a Unity based game connecting Wii remote input through a C# API and using IR LEDs attached to glasses to track head movement.

Queen's Hackathon - Collaborative Audio Mixer using Web Audio API

Feb 2019

- Coordinated the development of a collaborative web audio mixer using React JS, Python Flask and Web Audio API.

Hero X Open GIS Challenge Tax Management Associates Inc.

Nov 2018 – Dec 2018

- Lead the design and implementation of a GIS solution using Python open source libraries with 2 other students to calculate geodesic distance & network distance between vector objects and determining whether a point is within a polygon.

Bluetooth LED RGB Lighting System Using Node.js

Jan 2017 – Feb 2017

- Developed an LED lighting system using Arduino and Node.js with control over lighting configuration through a web page using HTML, CSS and JQuery.
- Integrated a Node.js web server with Express.js to serve a webpage and receive JSON data back through Ajax to control lighting using an Arduino, through a serial communication library.

Automated Hydroponic Garden

May 2016 – July 2016

- Created an automated hydroponic garden system using a Raspberry Pi as a time keeping device to grow plants.
- Designed a circuit system incorporating a Raspberry Pi to control an electric pump and LED lights using transistors.

SKILLS

- Proficient in using HTML, CSS, Javascript and Python with an understanding of various programming concepts
- Comfortable with ArcGIS Desktop, and GIS related libraries in Python (ArcPy, geopandas, networkx & shapely).
- Experience with JQuery, React, SQL, databases, Node.js, Ajax, Sketch, Web Audio API, Sheets V3 and Google Drive APIs.
- Familiar with Linux operating system, Bash scripting, Java, R statistics, ENVI, Git, Arduino, Raspberry Pi and C programming.
- Working knowledge of Adobe InDesign, Photoshop and Japanese.

WORK EXPERIENCE

TIC Restaurant Group - New York, NY, USA

Social Media Internship

July 2017 – Aug 2018

- Developed a data collection system web-scraping Yelp review data using Python and updating Google spreadsheets using APIs.
- Participated in organizing the launch of Yelp pages for 16 restaurants.
- Revitalized methods for instagram marketing and analysis based on demographics and location related to hashtags.

The Standard Hotel - New York, NY, USA

Reservations Internship

May 2016 – July 2016

- Contributed to a team effort in tackling large volumes of calls and emails, strengthening communication, multitasking and organizational skills.

Suzuki Capital LLC - New York, NY, USA

Real Estate, Associate

Apr 2015 – Aug 2015

- Participated in marketing and organizational methods for Royal Host Realty in social media and Google Drive file management.
- Created presentations using powerpoint and edited documents to pitch prospective development sites.

EDUCATION

Bachelors of Arts (Honours) Geography & Bachelors (Minor) of Computing, Queen's University, Kingston, Canada – Spring 2019

- **Achievements:** Principle Scholarship, Dean's Honours List, Vice-President of Queen's Karate Club (2016-2017), GPA: 3.54/4.3
- **Relevant Coursework:** Databases, Intro to Web Development, Human Computer Interaction, Data Structures & Algorithms, Computer Architecture, Remote Sensing, Spatial Analysis, System Level Programming and Intro to Object Oriented Programming.
- **Study Abroad:** University of Groningen, Faculty of Spatial Sciences, Groningen, Netherlands (Spring 2017)
- **Certificates:** Certificate in Geographic Information Systems and Urban Planning from Queen's University (Spring 2019)