






Jacob Cuke

Full Stack Developer

 Calgary AB, Canada
 jacobcuke@gmail.com
 [LinkedIn](#)
 [GitHub](#)
 [Personal Website](#)

WORK EXPERIENCE

Centre Street Church — Full Stack Web Developer

APRIL 2021 - PRESENT

- Created an internal staff hub for departments to manage announcements and documents (CRUD)
- Created a system for matching food hamper donors to those in need over Christmas and saved staff weeks of overtime
- Project lead for new public website development

PROJECTS

Portfolio Website - jacobcuke.com

- **Challenge:** Seamlessly change the text from English to Japanese without reloading
- **Solution:** Store the text for all components in both languages in a JSON object, fire an onClick event to switch between them
- **Challenge:** Fade in each section as the user scrolls
- **Solution:** Use the Intersection Observer API to fire a callback that fades in the element when a section intersects the viewport

High School Portal - [Live Site](#)

- CRUD application and API for managing a high school database
- **Challenge:** Authorize API requests
- **Solution:** Have Django generate a secret token for each user, provide it when users send valid credentials to a login endpoint
- 29 API [endpoints](#), 15 SQL [tables](#)

MySouko - [Live Site](#)

- CRUD application to keep track of Japanese media that I consume
- **Challenge:** Clicking “In Progress” changes the status to “Completed” without reloading and vice versa
- **Solution:** Fire an Ajax call to a different page with a controller whose sole job is to alternate the status and save to the database
- **Challenge:** After setting status to completed, set “Date Completed” to today’s date relative to the user’s timezone
- **Solution:** Pass in the user’s timezone offset as a URL parameter, add it to the server time in the controller before saving

TECHNICAL SKILLS

HTML/CSS/JavaScript
Python/Java
Full Stack Development
Relational Databases (SQL)
Git/GitHub
Linux

EDUCATION

University of Calgary BSc in Computer Science

SEPTEMBER 2016 - MAY 2021

GPA: 3.88

Senshu University, Japan

Study Abroad

MAY 2018 - AUGUST 2018,
SEPTEMBER 2019 - MARCH 2020

Areas of Study:

Computer Science
Japanese Language

LANGUAGES

English (Native)
Japanese (Fluent)