






Jacob Cuke

Programmer/Web Developer

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 [LinkedIn](#)
 [GitHub](#)
 [Personal Website](#)

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

WORK EXPERIENCE

Centre Street Church — Full Stack Web Developer

APRIL 2021 - PRESENT

- Managing internal website and database
- Creating architecture on the back end to store data
- Querying data and rendering it on the front end
- Project lead for new external website development
- HTML, CSS, JavaScript, jQuery, Microsoft SQL, ASP.NET

TECHNICAL SKILLS

HTML/CSS/JavaScript
Java/Python/C/C++
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)