

# Sonia Huynh

Full stack developer with an interest in creating projects that add entertainment or improve our day-to-day lives

## CONTACT



021 028 69669



soniahuynhkl@gmail.com



[www.github.com/sonia-huynh](https://github.com/sonia-huynh)



[www.linkedin.com/in/sonia-huynh/](https://www.linkedin.com/in/sonia-huynh/)



<https://sonia-huynh.github.io/>

## EDUCATION

### Dev Academy

Jan 2024 - May 2024

NZQA Level 6 Certificate in Applied  
Software Development

### University of Auckland

2018-2022

Bachelor of Commerce in Economics and  
Management Conjoint with Bachelor of  
Science in Physiology

## TECH STACK

### Front-end

HTML, JavaScript, Typescript, React, CSS,  
Tailwind CSS

### Back-end

PostgreSQL, SQLite (with knex.js),  
Node.js, Supagent, Express

### Version Control

Git

## REFERENCES

Available upon request

## EXPERIENCE

### SOFTWARE ENGINEERING INTERN

Nov 2024 - Feb 2025 | Harmony | New Zealand

- Improved internal tools by refactoring and tidying up the codebase, Optimised the Camunda business process models to make it more consistent and cohesive. Enhanced user experience by updating the UI to create a more visually appealing and user-friendly design.
- Developed a Bash script to recursively convert Camunda BPMN files into PDFs, preserving file structure that helped automate the conversion of hundreds of files and streamlined the process for auditors.
- Led a personal project to develop a 'Returning Customer flow' enabling users with paid-off or cancelled loans to easily reapply with pre-filled details from their previous loans, helping Harmony retain and re-engage past customers, contributing to customer acquisition and business growth.

### ASSOCIATE STUDY COORDINATOR

Aug 2022 - Dec 2023 | Optimal Clinical Trials | New Zealand

- Maintained accurate, up-to-date documentation, including study protocols, consent forms, study source documents and participant details which focused on attention to detail and confidentiality.
- Organised, managed and facilitated the recruitment and screening process of potential study participants and ensured efficiency and accuracy
- Coordinated and showed excellent communication with participants, doctors, nurses and the study team during each participant visit.

## SKILLS

### Front-end Development:

- Experience in using React, TypeScript, CSS, and Tailwind CSS to build responsive and dynamic user interfaces
- Enhanced UI/UX and created new user flows reusing React components during my internship at Harmony
- Developed a Trivia Game using the Jelly Belly API (client-side implementation) and a Point-and-Click Escape Room during bootcamp group projects

### Back-end Development:

- Developed back-end applications using TypeScript, Node.js, and Express, utilizing SQLite with Knex.js for database management
- Designed built and implemented database structures for personal projects, optimizing data organization and retrieval
- Worked with PostgreSQL during my internship to add new columns and update existing data in an established database.

# Sonia Huynh

Phone: 021 028 69669 | Email: soniahuynhkl@gmail.com

References available upon request

## PROJECTS

---

### RETURNING USER FLOW: Internship Project

- Led a personal internship project to develop a 'Returning Customer flow' enabling users with paid-off or cancelled loans to easily reapply with pre-filled details from their previous loans, helping Harmoney retain and re-engage past customers, contributing to customer acquisition and business growth.
  - **What I have achieved**
    - Updated the Camunda business process models to include a "Returning" flow
    - Adapted and reused existing React components to create a seamless and consistent user experience
    - Implemented conditional rendering to ensure the feature appeared at the correct stage
    - Demonstrated the ability to work within an existing codebase, efficiently updating and extending functionality while maintaining code quality and reusability.

### BOOKBOUND: Personal Project

- As I love reading and reviewing books, I built a personal book review and rating app that allows searching up books, adding it to a library, writing and editing reviews and adding and deleting books, reviews and ratings. This project also served to consolidate my learning on full-stack web development and integrating external APIs.
  - **What I have achieved**
    - Integrated Google Books API via a proxy server on the backend, tested backend API endpoints using Thunder Client.
    - Implemented a search bar on the frontend for searching books and authors from the Google Books API using custom hooks and React Query.
    - Created a Home page to display recent user activity.
    - Developed a Books tab to show all saved books of the user. The user can manage the library by adding or deleting books saved in their personal library.
    - Enabled detailed book management with options to write, update, and delete reviews, ratings, and reading dates.

### LUCAS' MANSION: Final Showcase Project

- The point and click escape room routes to three separate pages, includes multiple clickable items within the room each with their own pop up component and has four separate mini games.
  - **What I have achieved:**
    - I was the product owner for this project and was in charge of making final decisions, keeping the team on track with our minimum viable product and ensuring we completed our goals on time.
    - I used React, TypeScript and CSS to build the combination lock game and practiced my game logic using React states.
    - I built all the pop-up clickable clue components which focused on prop drilling, conditional rendering and CSS styling.
    - Lastly I used audio software; Audacity to edit audio which I implemented for the clickable buttons in the game to enhance user experience.