

Sarah Pu

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🐙 github.com/sarah-pu

🌐 linkedin.com/in/sarah-pu

SKILLS

LANGUAGES: Java, C/C++, Python, HTML/CSS, JavaScript, Bash

TOOLS/Frameworks: Git, Spring Boot, Android Studio, IntelliJ, Cloud Foundry, Gatsby, React, Apigee, Node.js, Postman

PROJECTS

ROUNDTUIT

- Developed a “to-do list” **Android** app using **Java** and relative layouts for UI
- Link: <https://github.com/sarah-pu/Roundtuit>

PERSONAL WEBSITE

- Developed a fully interactive personal website with responsive web design using **Gatsby** and **CSS** keyframes
- Link: <https://github.com/sarah-pu/sarah-pu.github.io>

WORK EXPERIENCE

FULL STACK DEVELOPER

Toronto, ON

Royal Bank of Canada

May 2021 – August 2021, September 2020 – December 2020

- Added features, debugged, maintained RBC’s online banking platform
- Improved payment and cloud services on the online banking platform using **Cloud Foundry**
- Implemented entry restrictions to adding a payee over limit using **C** for backend and **HTML/CSS, JavaScript** for frontend
- Updated **Apigee API** for mobile services to retrieve and send additional information from backend using **JavaScript**
- Adapted infrastructure for compatibility with legacy database to minimize service impact and increase longevity
- Developed internal staffing allocation tool for managers to streamline employee activity and progress using **Spring Boot** in **Java** and **Swagger API** documentation
- Automated testing processes using **Postman** and **Node.js** to allow simultaneous testing of active projects and regular service activity checks which saved 100% of manual testing and management time

FRONTEND DEVELOPER

Toronto, ON

KGS Research

May 2019 – December 2019

- Designed, programmed, and tested online surveys customized to client specifications using **LimeSurvey, JavaScript, and HTML/CSS**
- Performed iterative code reviews and manual testing on an accelerated timeline to optimize survey design and user experience
- Manipulated DOM elements and simplify the programming process to achieve 2x project completion speed
- Managed high volume of work in a fast-paced environment while ensuring quality code delivery under tight time constraints

PIANO TUTOR

Winnipeg, MB

Self Employed and Peart Music Studio

September 2014 – Present

- Provided tailored piano lessons for aspiring musicians ranging from introductory to grade 10 of the Royal Conservatory of Music

EDUCATION

UNIVERSITY OF WATERLOO

Waterloo, ON

3B Bachelor of Computer Science, Honours, Co-op Program

Expected Graduation: June 2023

- Academics and honours: 2021 Major GPA: 83%, President’s Entrance Scholarship of Distinction; awarded \$5,000

EXTRACURRICULAR ACTIVITIES AND PHILANTHROPY

ARCT CERTIFIED PIANIST

Winnipeg, MB

Royal Conservatory of Music

September 2017

- Awarded an aggregate of \$6,500 from scholarships and competition awards incl. the Holtby Scholarship (out of 2,000 applicants)

CHARTIY PERFORMANCE PIANIST

Winnipeg, MB

Canadian Diabetes Association

September 2015 – September 2017

- Performed for 700+ attendees at the Annual Best Banting Gala, which raised \$30,000 to support youth living with type 1 diabetes