

# Jason Gill

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🐙 github.com/xgill15x | 🔗 linkedin.com/in/jason-gill-88321522a/ | 📷 Portfolio

## Education

### Simon Fraser University

B.S IN COMPUTING SCIENCE

Burnaby, CA

September 2020 – May 2024

- **Key Courses:** Data Structures & Algorithms, Operating Systems, Database Systems, Networking & Data Communications, User Interface Design

## Work Experience

### Ultimate Kronos Group

SOFTWARE ENGINEER INTERN

Toronto, CA (Remote)

May 2022 – August 2022

Technology stack: Java, Angular (with NgRx)

- Introduced clients to a personalized adaptation of their business tools by integrating custom branding features into the company's human capital management product (UKG Pro) and time management product (UKG Dimensions).
- Delivered an enhanced UI/UX experience by driving app-interaction data through a refined heuristic evaluation process for the aforementioned products
- Supplied custom branding application services with the construction of back-end infrastructure
- Improved code base integrity by tackling longstanding bugs and improving test coverage

### Lower Mainland Steel

IRON WORKER

Vancouver, CA

June 2018 – May 2022

- Managed and guided new workers in learning to lift, pack, load and tie rebar
- Enriched city infrastructure by erecting quality steel around Metro-Vancouver with respect to architectural prints
- Oversaw steel waste management by guiding organization and cleanliness in the workplace

## Projects

### Bijou Budget

[bit.ly/BijouBudget](https://bit.ly/BijouBudget)

- Nurtured an intuitive budget tracking website in which users could list recurring monthly expenses, log transactions, and filter them by month, year, and expense
- Built with **ReactJS** and a **Java Spring Boot** application, hooked to a **MySQL** database
- Deployed temporarily using **AWS S3** buckets and the **AWS Elastic Beanstalk** service (in addition to other **Amazon Web Services** deployment tools - refer to the Skills section)

### Weather & Traffic App

[bit.ly/weatherTrafficApp](https://bit.ly/weatherTrafficApp)

- Composed a **python** script to send daily **SMS notifications** for real-time weather and traffic data during finals seasons to manage time
- Used the **Twilio** API to facilitate text messaging, the **OpenWeatherMap** API to collect weather data, and the **TrueWay Directions** API to retrieve the traffic time from my home to my university
- Hosted on **PythonAnywhere**

### Galactic Grease Monkey

[bit.ly/galacticGreaseMonkey](https://bit.ly/galacticGreaseMonkey)

- Spearheaded the production of a **Java** arcade game with a 4-person team where the player must navigate around obstacles, collect rewards, and traverse levels to achieve a high score
- Employed the **Java Swing** library for graphics and the **JUnit** testing framework to conduct unit testing
- Utilized **JavaDocs** for documentation purposes

### Three Card Poker

[bit.ly/threecardpoker](https://bit.ly/threecardpoker)

- Implemented three-card poker, a popular derived version of five-card poker, with robust and highly cohesive classes
- Conducted **automated script testing** using a **python** script
- Utilized **JavaDocs** for documentation purposes

### Personal Website

[xgill15x.github.io/JasonGill/](https://xgill15x.github.io/JasonGill/)

- A personal website made using **ReactJS** and deployed via **Github Pages** to showcase my portfolio
- Used **EmailJS** to integrate a contact form within my site, defeating the need for a back-end

## Skills

**Languages & Frameworks:** Java (Spring Boot), C, C++, Python, JavaScript (ReactJS), Typescript (Angular), SQL, MATLAB, HTML, CSS

**Tools & Platforms:** Git, AWS (Elastic Beanstalk, CloudFront, S3, Relational Database Service, Route53, Amazon Certificate Manager), mySQL, JUnit, Maven, Postman, Figma, Balsamiq