

# ERIC PENG

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## PERSONAL PROJECTS

### Android Car Rental Platform

- Built Android activities and views using **Java** and **AndroidX** library.

### FPGA ALU

- Implemented logic components and **VHDL** programming to construct an ALU.

### Personal Website

- Created a simple personal website hosted by **GitHub** pages using **CSS** and **HTML5**.

## EXPERIENCE

### **May 2022 – August 2022**

#### Employment and Social Development Canada *Student Developer*

- Created **Junit** test cases in **Java** with **Mockito** to improve code reliability.
- Validated API endpoints behaved to specifications with **Maven** and **Insomnia**.
- Collaborated with team members to fix bugs.
- Configured automatic email messaging in **CrushFTP**.
- Documented pages for API parameters and responses in internal Confluence pages.

### **July 2021 – August 2021**

#### BGC St. Alban's *Summer Camp Mentor*

- Planned three weeks of extensive programming for summer camp attendees.

## Volunteering Experiences

### Ontario Science Centre *Summer camp volunteer*

### University of Toronto *Science Rendezvous volunteer*

## PROGRAMMING SKILLS

- JAVA
- JAVASCRIPT
- PYTHON
- HTML5
- CSS
- REACT
- APACHE CAMEL
- CRUSHFTP
- INSOMNIA
- MAVEN
- GIT

## DIGITAL DESIGN SKILLS

- VHDL PROGRAMMING
- FPGA DESIGN
- ALTERA QUATUS II

## EDUCATION

2020 - 2025

University of Ottawa

BSc. In Computer Engineering