

# JOSEPHDENG

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## OBJECTIVE

Computer Science & Physics student at UBC who is passionate about computing and music. Seeking opportunities that can help me make connections, and where my skills will be useful.

## EDUCATION

**University of British Columbia** | *Bachelor of Science* **2023-2027**

- GPA: 4.0
- Related Coursework: Systematic Programming Design, Models of Computation, Software Construction, Calculus, Enriched Physics

**Port Credit Secondary School** | *OSSD - SciTech Program* **2019-2023**

- Activities: Coding Club, VEX Robotics, Visual Arts Council, Varsity Volleyball, Varsity Soccer, Curling, Ultimate Frisbee

## EXPERIENCE

**CSToolkit** **May 2024 – Present**

**Fullstack Developer**

- Revamped Blog Page by adding pagination, post tagging, and a search bar.
- Gained practical industry experience with HTML, Bootstrap CSS, Flask, and version control

**SHAD Canada** **July 2024**

**Program Assistant at Laurentian University**

- Helped lead a group of 63 high-achieving students in grades 10 and 11 through a month-long STEAM and Entrepreneurship program.
- Lived on-site in a leadership position from 7am-11pm everyday

**StudioVivian** **May 2023 – Present**

**Piano Teacher**

- Taught beginner to intermediate piano lessons to children and teenagers
- Worked with young children to grow their interest in music
- Planned out lessons and communicated with parents about scheduling

## SKILLS

**Technical** Python, Flask, Selenium, Java, TypeScript, HTML, CSS, Racket, Latex, GDScript

**Interpersonal** Teaching, Working With Children, Leadership, Customer Service

**Language** English, Mandarin, Basic French

**Interests** Piano, Guitar, Music Production, Fitness, Physics, Programming, 3D design

## PROJECTS

**AI Recipe Generator** **2024**

- Website that utilizes the OpenAI API to generate recipes based on ingredients entered by the user. Uses the Node, React, and ThreeJS framework to create an interactive user interface.

## CERTIFICATION & AWARDS

2024 Standard First Aid CPR/AED Level C

2023 Judges award at VEX Robotics Competition

2021 2nd Place at NovaXNetwork Y3K Art Contest

2020 RCM Level 8 Practical Piano Certification - First Class Honours

2017 RCM Advanced Music Theory - First Class Honours with Distinction