

# Khevin Jugessur

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A software engineering student achieving high distinction with critical thinking and organizational skills. Combines formal education and self-taught front-end abilities.

## EDUCATION

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### University of Calgary

*B.S, Major: Software engineering, Minor: Mechatronics*

**Sep. 2020 - Present**

*Calgary, Alberta*

- Dean's List 2022-2023
  - Award provided to students with a GPA of above 3.6
- Prestigious Admission Scholarship
  - Award provided to students with a high school admission average of above 95.0%
- Participated in Hackathon organized by the university
  - [Certificate](#)
- Member of the competitive programming club
  - Organized events to talk about algorithms
- Member of the gaming club
  - Organized events with my clubmates where games were presented

### College Du St Esprit

*High School Diploma*

**Jan. 2012 - Dec. 2019**

*Quatre-Bornes, Mauritius*

- Runner-up in an inter-college Math Olympiad competition
- Member of Robotics Team, 2015-2016
  - Learned and used Scratch
- Member of Chess Club, 2017 to 2019
- Member of S.O.S Esprit, 2017 to 2019
  - Used to organize lunches/dinners for orphans

## PROJECTS

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### Multiplayer chess game

*Made with ReactJs, NodeJs, ExpressJs, HTML/CSS, MaterialUI, socket.io*

- Allows players to play chess against each other
- ReactJS and MaterialUI were used for the frontend
- NodeJs and ExpressJs were used for the backend
- socket.io was used to communicate between the client and server using a TCP connection
- Tested with SeleniumIDE
- Deployed using Heroku
- [Github repository link](#)
- [App link](#)

### Samurai Game

*Made with Javascript, HTML/CSS, Jest*

- A fighting game made with Javascript, HTML/CSS with sprite animations
- HTML/CSS were used for the frontend and Javascript was used for the backend
- Tested using Jest
- Deployed using Vercel
- [GitHub repository link](#)
- [App link](#)

## Movie Theater App

*Made with Java, Spring, SQL, MySQL*

- Implemented a movie theater with a booking system
- The movie theater also has a database (SQL) to keep track of users, movies and their tickets.
- Incorporates OOP principles such as composition, aggregation and inheritance
- Makes use of two design patterns
  - decorator for the GUI
  - singleton for the database
- [GitHub repository link](#)

*For more details about my projects, please visit my [website](#) and my [GitHub](#).*

## WORK AND VOLUNTEER EXPERIENCE

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**A.P.U /Google**

**Oct. 2018 –**

**Nov. 2018**

*Volunteer Assistant Speaker*

*Quatre-Bornes, Mauritius*

- Volunteered to assist a speaker from Google to talk about the Google search engine and its functionalities at my school for a workshop
- Used strong interpersonal communication skills to convey information to others
- [Certification](#)

**University Of Waterloo/ OVEC**

**May. 2023 – July. 2023**

*Career Advisor*

*Quatre-Bornes, Mauritius*

- Attended university fairs and visited classrooms to provide a wide range of information about software engineering to prospective university seekers
- Worked with team to continuously improve career and placement opportunities for students
- Increased the number of students applying by 3%

## Technical Skills

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- **Languages:** Javascript, C/C++, Java, Javascript, Typescript, Python, ExpressJs, NodeJS
- **Testing:** JUnit, Selenium, Jest
- **Web development:** HTML/CSS, PHP
- **Frameworks :** ReactJS, Tailwind-CSS, Spring
- **Tools :** Git, GitHub, MySQL, Jira, VisualStudioCode, Eclipse, Linux, MySQL, Arduino