

MY WORK



<https://aminebenaceur.github.io>



<https://github.com/AmineBenaceur>

CONTACT



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EXTRACURRICULAR

AUTONOMOUS ELECTRIC MOTORSPORTS

- Collaborated to engineer an obstacle avoiding car optimized for speed.
- Developed drivers for throttle & steering systems using c++.

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- Developed leadership and accountability skills helping to lead morning workouts and guiding freshman teammates.
- Achieved winning the 2018 Hindson Cup trophy through daily dedication and team effort.

WORK EXPERIENCE

CALGARY CO-OP - Grocery Clerk

September 2015 - May 2019

- Acquired Multi-tasking and micro-management skills through handling multiple concurrent department responsibilities everyday.
- Grew excellent communication and conflict resolution skills by tending to customer service concerns and questions.

AMINE

BENACEUR

EDUCATION

Bachelor of Science in Software Engineering - University of Calgary

- **Expected Graduation Date:** April 2021 (With 12-month internship)
- **Relevant Coursework:** Data Structures & Algorithms, Database Management Systems, Principles of Software Development & Design, Human-Computer Interaction, Software Architecture, 'Software Testing Quality & Reliability', Operating Systems, Software Requirements Engineering.

TECHNICAL EXPERTISE

- **Languages:** Java, PHP, Javascript, Ruby, HTML/CSS, C/ C++, PostgreSQL MySQL, Python.
- **Frameworks & Libraries:** Larvel, React, Ruby on Rails, Bootstrap, Django, Apache, Flask, Sass.
- **Tools & Platforms :** Github, GitLab, Figma, Docker, AWS, Selenium, Adobe XD.

PROJECTS

• TwitchHub

Developed Twitch streaming web application in [PHP](#) framework [Laravel](#) and [HTML5/CSS3/Bootstrap](#) to utilize the [Twitch API](#) with [PostgreSQL](#) for database storage. Users can sign up and subscribe to various categories and stream relevant videos from Twitch in their feed.

• Learning Platform

Designed and developed a client server [Java](#) application with [Swing](#) GUI using [MySQL](#) to facilitate learning. Professors and students can login, view coursework, post updates, upload/submit/grade assignments, enroll in courses and engage in E-Mail communications through [google API](#).

• Portfolio Website

Designed and deployed Personal Software developer portfolio website to showcase projects and professional information using [ReactJS](#), [HTML5](#), [React-MDL](#) and custom [CSS](#).

• MoneyWatch Website & Prototype

Collaborated to develop and deploy website built using [ReactJS](#), [HTML](#) & [CSS](#) for a stock research application. Includes prototype built using [Figma](#). Deployment link and demo available on web portfolio.

• Multi-Threaded Client/Server TicTacToe

Multithreaded client server [Java](#) application with [Swing](#) GUI implementing TicTacToe. Players can choose to play against random, blocking or smart [AI Bots](#) or against other players.

• E-Book Library

Created online Book library system built using [PHP](#) framework [Laravel](#) and [Bootstrap](#), Uses [PostgreSQL](#) for DB storage. Users are able to browse books and view their attributes, put holds on books leave ratings & comments.

• FrogBlog

Developed a blogging and image sharing application developed using [Ruby on Rails](#) & [Bootstrap](#) and SQLite for database storage.

• MyToDoS

Implemented and deployed a to do list application using [React](#) and [Bootstrap](#). See my portfolio website for live link.

SKILLS

- Developed advanced team collaboration & leadership skills through being part of 6+ different sports teams and numerous academic teams in application development.
- Achieved proficiency in understanding, breaking down formulating and implementing solutions to complex problems through proven track record of 15+ projects in object oriented design & algorithms.
- Acquired Experience in Test Driven Development through iteratively designing and implementing black box and white box tests tailored for software requirement specifications.
- Skilled in applying Agile development values and principles to projects in order to make tough decisions and priority-based tradeoffs to meet deadlines and maximize product quality.