

Clarence Adrian

ELECTRICAL ENGINEER/
PROGRAMMER

TECHNICAL SKILLS

Programming Languages:

- JavaScript
(ECMA6, React, Native)
- HTML5, CSS, SCSS
(Bootstrap)
- C, Embedded C
- Python
- MATLAB

Shell Script:

- Git (Version Control)
- Bash

Additional Software:

- SOLIDWORKS
- Photoshop, Illustrator

EDUCATION

University of British Columbia

Bachelor of Applied Science
Electrical Engineering
2017 – present

OTHER AFFILIATIONS

- Unlimited Dance Club UBC
VP Marketing
- BBW International
Barback/Event Staff

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clarence-adrian



ad2969



TECHNICAL PROJECTS

ad2969.github.io

April 2019 – present

Personal Website

- Designed and constructed a personal portfolio using self-learned skills in **CSS**, **HTML**, and **JavaScript**
- Implemented modern web technologies to create responsive and unique page designs

Virtual Finance Manager

December 2018

Personal Project – Local Hack Day 2019 Hackathon

- Create and design a cross-platform financial management application using **Java**, **JavaScript**

Sentiment Analysis Twitter Bot

December 2018

Biomedical Imaging and Artificial Intelligence Hackathon

- Program an intelligent bot, using **python**, that can analyze the sentiment of 300,000 twitter posts with 85% accuracy

Autonomous Ocean-Going Sailboat

Ongoing

Engineering Design Team Project - UBC Sailbot

Position: Electrical sub-team, Sponsorship/Events Coordinator

- Implemented brushless motor based on electrical specifications to maximize boat rudder actuation
- Increased grant revenue received from the mechanical department by 45% from previous years



WORK EXPERIENCE

Franchise Owner, Student Works Painting

December 2017 – September 2018

- Self-managed a profitable painting franchise, leveraging skills in **marketing**, **sales**, and **employee/customer relations** to produce over 50,000 CAD in sales while maintaining a customer satisfaction rate of over 90% and a top 100 franchisee ranking
- Produced professional exterior and interior paint jobs by utilizing skills in **project management** to recruit, train and directly supervise 3 crews of 3-6 painters



VOLUNTEER EXPERIENCE

External Relations Coordinator

PERMIKA Nasional

- Manage internal funds and arrange fundraisers to accumulate operating funds and donations for national disaster victims
- Collaborated with 10 people to establish PERMIKA Vancouver's new team structure and navigate organizational culture.