

BRUCE MCCLURE



FULL STACK DEVELOPER

Technical Skills

- JavaScript
- MongoDB
- Express Js
- React Js
- Node Js
- Ruby on Rails
- HTML5
- CSS3
- Python
- AWS
- Heroku
- Git,
- Github

Contact Details:

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Most recent project:

Vinyl Countdown

- Fully functional 2 way marketplace for vinyl
<https://vinyl-countdown.herokuapp.com/>
- Primarily a back end project with a rudimentary front end.
- Ruby-on-Rails web app
- e-commerce, internal messaging system, full search capabilities, authorisation, Amazon S3.

Professional Profile

A detail-oriented, motivated Software Developer with just getting into industry. I have a broad background in science and I am thoroughly enjoying learning new technologies everyday. A Fullstack developer would be my ideal role because seeing each step of a project being built is extremely fulfilling.

Career History

Secondary School teacher

Kearsney College | 2 years Jan 2017 - Dec 2018

- Develop lesson plans
- Deputy House Master
- Dale Carnegie facilitator
- Chairman, Provincial Water-polo
- Sports coach, rugby, water-polo, soccer
- Attends faculty and parent conferences
- Communicates with parents

Research assistant

SAIAB | 2 years Jan 2015 - Dec 2018

- South African Institute for Aquatic Biodiversity
- Genetic lab research assistant

- Sample collection and curation
- Sample processing and PCR
- Data analysis

Academic Background

Diploma of Information Technology

Coder Academy (Australian Institute of technology)

- Attended in 2019
- Comprehensive and immersive web development course
- HTML5, CSS3
- Ruby on Rails
- JavaScript (Mongo, Express, React, Node)

Postgraduate Diploma in Education

University of South Africa

- Attended from 2017 to 2018
- Specialised in physical and life science education

Bachelor of Science (hons)

Rhodes University

- Attended for year of 2013
- Specialised in food security via aquaculture
- Thesis conducted on natural feed on the growth rate of abalone

Bachelor of Science

Rhodes University

- Attended from 2009 to 2012
- Triple majored Ichthyology, Zoology and Human Kinetics and Ergonomics

Current Projects

Dev Fines

- A tracking app for your team development sins (e.g. merging broken code)
- For social useage post the push to production
- Full stack MERN app

Ubuntu-Education

- Full stack JavaScript app.
- A free web app to bring STEM education to Africa.
- As a scientist and an educator from South Africa I have seen first hand how much the STEM fields are needed in rural communities.
- The first phase of this project will focus on grade 8 and grade 9 physical and biological sciences.