**BRUCE MCCLURE   
FULL STACK DEVELOPER**

- JavaScript MERN (Mongo, Express, React, Node -Ruby-on-Rails -HTML5 CSS3 - Git, Github

- Excellent interpersonal skills -AWS

**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.

**Technical Skills**

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

**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

**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

**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.

**Vinyl Countdown**

Fully functional 2 way marketplace for vinyl

- https://vinyl-countdown.herokuapp.com/

- Ruby-on-Rails web app

- e-commerce, internal messaging system, full search capabilities, authorisation, Amazon S3.

**Portfolio**

- Static HTML site

- This is a web-page to serve as an online resume/cv

- It is accessible via the QR code on the previous page or via this link <https://brucemcclure.github.io/>

**Roulette**

- Vanilla Ruby project

- This was my fist endeavour in coding

- A simulated roulette game in the terminal with features to protect the users health and safety.

- https://github.com/brucemcclure/Roulette

**Interests:**

- Everything tech related. Everything from learning new languages, task automation to DIY E-Bikes.

- All things sport related including playing, spectating and coaching. (Rugby, Cricket and Water-polo)

- Exploring Australia as much as possible.

- Travelling

**Contact Details:**

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**References**

- Peter Kirsten

- Deputy headmaster

- pkirsten@kearsney.com