

# KEVIN ELLIOTT

## Software Developer

<https://remnantkevin.github.io>

Cape Town, South Africa

## PROFILE

Software developer with 1+ years' experience writing object-orientated web application software. Excited by the challenges and possibilities of the web. Passionate about growing in my knowledge of web technologies and software design.

Moving to Perth, Australia in April 2020.

## SKILLS

- Ruby
- Ruby on Rails
- RSpec
- PostgreSQL
- HTML
- CSS
- JavaScript, jQuery
- git
- Unix

## LEARNING

### React - The Complete Guide

Academind, Udemey

### Practical Object-Orientated Design

Sandi Metz, 2018

## REFERENCES

### Michael Yang

Head of Engineering, iXperience

### Kosma von Maltitz

EdTech Team Manager, Siyavula

## EMPLOYMENT

### Junior Software Developer - iXperience

Feb 2019 - Current

- Build, maintain, and expand monolithic Ruby on Rails web app
- Test features and fixes using RSpec, FactoryBot, and CircleCI
- Deploy to Heroku
- Interface with Honeybadger to track errors
- Follow agile software development principles where relevant
- Upgraded app from Rails 5.1 to 6.0 to keep up to date with framework improvements and security fixes
- Added role-based authorisation to restrict what users and admins could see and do in order to keep in line with privacy and security policies
- Updated and expanded integration with HubSpot CRM to track and manage community portal users
- Expanded SQL-based Google BigQuery data warehouse to combine data from separate, older databases with production data in order to facilitate data analysis in Google Data Studio
- Added API for integration with YouCanBook.me to keep track of rescheduled and cancelled student interview calls
- Performed technical phone screens with potential new developer hires to allow Head of Engineering to focus on in-person technical white board interviews

Website: [www.ixperience.co](http://www.ixperience.co)

### Educational Technologist - Siyavula

Dec 2017 - Dec 2018

- Transformed maths questions and solutions written by pedagogy specialists into python code and XML, which were used to generate the content shown to students
- Maintained and added to a growing library of tools used to transform questions and solutions into code
- Authored a template creator that built out a skeleton of the files, and their contents, needed to create questions and solutions
- Technologies/languages used: python 2.7, XML, git, LaTeX, TikZ, and PGFplots

Website: [www.siyavula.com](http://www.siyavula.com)

### Teaching Assistant: Computer Science - University of Cape Town

Jul 2015 - Nov 2015

- Responsible for making sure that Computer Science 2002S ran smoothly
- Led a team of 11 tutors who needed to facilitate tutorials, mark assignments, and mark tests for 180 students

Website: [www.cs.uct.ac.za](http://www.cs.uct.ac.za)

## EDUCATION

### Bachelor of Social Science (Honours): Economic History - University of Cape Town

Feb 2016 - Nov 2017

Awarded in the first class (75%+)

### Bachelor of Science: Computer Science and Economic History - University of Cape Town

Feb 2012 - Nov 2015

Awarded with distinction (75%+) for both majors and for the degree overall