

KEVIN ELLIOTT

Software Developer

<https://remnantkevin.github.io>

Perth, Australia

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.

SKILLS

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

LEARNING

React - The Complete Guide

Academind, Udemy

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 - Mar 2020

- Built, maintained, and expanded a monolithic Ruby on Rails web app
- Tested features and fixes using RSpec, FactoryBot, and CircleCI
- Deployed to Heroku
- Interfaced with Honeybadger to track errors
- Followed agile software development principles
- 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

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

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

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