



Miles ELLERY

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## SUMMARY

I consider myself a thoughtful, hard-working individual. I enjoy grappling with problems and will often find interesting and fun ways to solve them. I have been in the software development field for close to 4 years now and during this time have worked in numerous languages and tech stacks. I have found myself particularly drawn to the software development process and making lives easier for developers through open communication and building easy-to-use frameworks. My superpowers lie in my ability to handle complexity, being able to help others, as well as always wanting to improve myself and the processes around me, while still being approachable.

## EDUCATION

### KINGSWOOD COLLEGE

2009-2013

HIGH SCHOOL

- Bachelor's degree pass in 2013 (Independent Examination Board syllabus) with distinction in mathematics.

### RHODES UNIVERSITY

2014-2018

BACHELOR OF SCIENCE, HONOURS

- Joint honours degree completed in physics and computer science. My honours project computer science based, the title of which was **Path detection on a mobile robot using a Support Vector Machine**.

## EXPERIENCE

### RHODES UNIVERSITY

2015 - 2016 / Grahamstown

IT HELPDESK TECHNICIAN

- Resolved numerous software related issues for thousands of students.

### RHODES UNIVERSITY

2017 / Grahamstown

IT HELPDESK MANAGER/TECHNICIAN

- Managed the IT helpdesk technicians problems/shifts and reported to a senior.

### THOUGHTEXPRESS

2016 June - July / Cape Town

INTERN

- Developed the updown.io Elixir API wrapper as featured [here](#).

### SINGULAR SYSTEMS

2017 June - July / Cape Town

INTERN

- Made an internal timesheet logging mobile app using Xamarin.

### CODE COLLECTIVE

2018-present / Cape Town

FULL STACK SOFTWARE ENGINEER

- My most experience is at Code Collective, coding C# backends (with a SQL data persistence layer) with HTML/TypeScript frontends. I have worked in many languages and frameworks here, some of which include Flutter, Ionic, and I have worked with the Azure cloud platform. Reference(s) available on [request](#).

## SKILLS

PROGRAMMING LANGUAGES	<b>Experienced:</b> C#   HTML/TypeScript <b>Familiar:</b> Dart   JavaScript   Python
SOFTWARE DEVELOPMENT	Object Oriented Programming   GIT   Agile Methodology   Azure DevOps/Cloud
FRAMEWORKS & LIBRARIES	.NET Framework   Flutter   Ionic   Bootstrap
OTHER INTERESTS	React   Scrum master   Making developers lives easier
ABSTRACT SKILLS	People   Holding complexity   Assisting others
LANGUAGES	<b>Native:</b> English <b>Intermediate:</b> Afrikaans