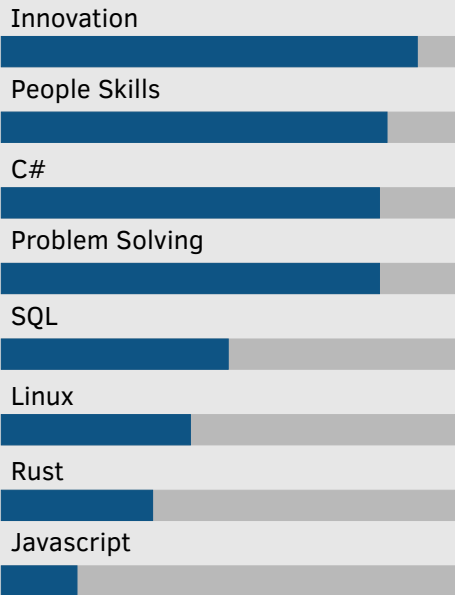# Arie Roos
Developer

- 16 September 1989
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About me

I am an eneregetic, curious and creative developer. My love for code is driven by my love for math, algorithms and logical puzzles. I love exploring new ideas, and is always willing to learn. I like people about as much as I like logic, and therefore I work best in a small team. It is easy for me to be self-motivated when I am surrounded by peers, but I tend toget distracted when I am alone. I flourish in work environments whith many freedoms, whether those are creative or environmental. A structured environment may seem tedious or even overwhelming to me.

Skills

Innovation

People Skills

C#

Problem Solving

SQL

Linux

Rust

Javascript

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

I am a thinker, I love Math, Puzzles, Theology and Philosophy. I am also curious, and always appreciate new knowledge. I like to keep active and spend time in nature.

Education

2009-2012	B.Sc. Mathematical Sciences	Stellenbosch University
	Majoring in Computer Science	
2003-2007	High school	Brackenfell High School
	Computer Studies, Math, Science, Biology, English, Afrikaans	
2017	Life Coaching Certificate	New Insights (Distance Learning)
	A two-year course in Life Coaching including 50 hours of practical work.	

Experience

2018-Present Software Developer (Mostly Computational Geometry) — Itecho

I did most of the mathematical work for a client in manufacturing. I also worked on the rest of the stack. We use .NET Core with C# for the backend, vue.js for the frontend and PostgreSQL as a database.

2017-2018 Life Coach — Self Employed

I had my own coaching practice. My work was non-technical, but I did learn a lot about people, leadership, motivation and public speaking.

2016-2017 DevOps Engineer — Airvantage

This is the same job as at VAS-X (our product was bought by Airvantage, along with the team). However, I moved back into development a bit, and I had a nice variety of responsibilities. From keeping the systems operational, to being involved in developing patches and new features.

2014-2016 Support Engineer — VAS-X

I was part of the team running an Airtime Advance System at multiple telecom companies. My duties included mostly operational work, with a few support tickets and regular interaction with corporate clients. I did most of my technical work directly in the Oracle database, because 90% of the project consisted of stored procedures.

2014 Software Developer — iPLan Industrial Engineers

At iPlan we wrote extensions for Syspro(an ERP System) using C#.NET

2012-2013 Software Engineer — Libralex

At Libralex I had a wide range of responsibilties. I worked on software for veterinary clinics, for which I was the technical person on the project. That meant that I did support at all levels and the development work. The project was written in VB.NET

2010-2011 Tutor — Stellenbosch University

While studying I kept myself busy, and earned a small income tutoring younger students.

2008 Camp Facilitator — Wortelgat Outreach Trust

This is what I did in my GAP year. I worked a lot with children and teenagers, teaching various soft skills through camp activities.

Other information

Personal Info

I am first and foremost a Christian. I take a heavy interest in theology, and in what it means to be a Christian. My family is also very important to me, and I will go to great lengths to ensure that I spend enough time with my wife and my son. I like the outdoors, so I often spend time walking my dog, mountian biking, or just enjoying nature with my family.