# KERREN ORTLEPP

## FOUNDER & CTIO

## CONTACT

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- 📍 Johannesburg, South Africa
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## EDUCATION

**2015 - 2018**
**UNIVERSITY OF WITWATERSRAND**

- Master of Science in Electrical Engineering

**2011 - 2014**
**UNIVERSITY OF WITWATERSRAND**

- Bachelor of Science in Electrical Engineering (Cum Laude)

## ACHIEVEMENTS

- Worked on over 120 unique repositories and projects
- 13 open source projects created and released on Github and more than 80 stars collectively
- Over 70,000 views of my blog articles
- 1st Place ISC International Student Cluster Competition in Leipzig Germany
- 2nd Place in EBE Faculty for Best Research Poster, Wits Cross Faculty Symposium
- Entelect Best Project Award for Software Development II
- First Place in the CHPC (CSIR) National Student Cluster Competition
- Entelect Creative Writing – 2nd Place
- Dean's list for all of my years of study (2011 – 2014)
- 11 Certificates of Merit during my undergraduate studies
- Co-publisher of public journal article in Lightning Protection (XIII SIPDA)

## PROFILE

My passion for technology, particularly DevOps, AI, and solution architecture, constantly drives my growth as both a leader and a technologist. As the CTIO and founder of Entrostat, a successful product development business, I'm fascinated by the power of building cutting-edge solutions. My love for learning and teaching fosters a collaborative environment where innovation thrives, fueled by a shared desire to push boundaries and discover new possibilities.

## WORK EXPERIENCE

### Entrostat
### 2016 - PRESENT
Founder & CTIO

- **Technology Trendsetter:** I'm the in-house futurist, constantly exploring cutting-edge technologies and strategizing how to integrate them for maximum impact within our business.
- **Architect of Scalability:** I design systems built to evolve effortlessly, ensuring our products and client solutions thrive both now and in the future.
- **Automation Maestro:** I streamline development and production environments, freeing our teams to focus on innovation, not repetitive tasks.
- **Product Visionary:** I guide products from brilliant ideas to market-ready reality.
- **Growth Catalyst:** I lead with passion, mentoring and empowering teams to reach their full potential.
- **Client Whisperer:** I forge connections with clients, understanding their needs and translating them into solutions that exceed expectations.
- **Knowledge Champion:** I identify skill gaps and design dynamic workshops, transforming our teams into problem-solving powerhouses.
- **AI Innovator:** I relentlessly investigate how AI can streamline our workflows and unlock revolutionary new product possibilities.

### University of Witwatersrand
### 2015 - 2016
Sessional Lecturer

- **Knowledge Translator:** I broke down complex software development and game design concepts into easily digestible lessons, empowering students to grasp the fundamentals and build upon them.
- **Challenge Architect:** I crafted projects and exams that tested not just memorisation, but real-world problem-solving skills, pushing students out of their comfort zones and toward growth.

## REFERENCE

**Ryan Strange**
Entrostat / CEO

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**Yves Rivard**
Entrostat / CTOO

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