

Derek Reissenzahn

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EDUCATION

University of Cape Town Jan. 2019 – Dec. 2021
BSc. Pure Mathematics and Computer Science

Bishops Diocesan College Jan. 2013 – Dec. 2018
National Senior Certificate

- 2nd place NSC matriculant in the Western Cape (2018).
- Dux Scholar, Bishops Diocesan College (2018).

EXPERIENCE

Software Development Internship Dec. 2020 – Jan. 2020
Skynamo

- Slack bot for managing Android Releases deployed using Terraform.

Software Development Internship Dec. 2019 – Jan. 2020
Polymorph Systems

- Outlier detection models for detecting anomalous readings from IoT sensors.
- Fault-tolerant architecture for running data science workloads using Kubernetes.
- Web client application for management of datasets and reviewing model output.

Software Development Internship Jun. 2019 – Jul. 2019
Skynamo

- Collaborative filtering recommendation engine using singular value decomposition.
- Graphical client application for submitting support tickets between departments.

‘Derek was able to add real business value on multiple projects assigned to him. Derek was friendly, easy to work with and extremely capable.’ — *Wim Morris, COO at Skynamo*

CURRENT PROJECTS

Aurora

Implementing a distributed key-value store using the Chord DHT.