

## Contact

+4915752577230 (Mobile)  
robert.focke@member.fsf.org

[www.linkedin.com/in/robertfocke](https://www.linkedin.com/in/robertfocke)  
(LinkedIn)

## Top Skills

Python  
Go (Programming Language)  
JavaScript

## Languages

German (Professional Working)  
English (Native or Bilingual)  
Afrikaans (Native or Bilingual)

## Certifications

NETHOPE Virtual Global Summit  
2020 Delegate  
Deutsche Sprachprüfung für den  
Hochschulzugang (Niveau 3 ~ C2)

## Honors-Awards

3rd Place, Mobile Application  
Development Challenge  
Information Technology Subject  
Prize

# Robert Focke

Data & Software Dev • CS Student • GDSC Tech Coach Lead  
Berlin

## Summary

Data-focused software developer, interested in social business and tech for good projects.

## Experience

Norwegian Refugee Council  
2 years 9 months

Backend Developer  
October 2021 - Present (2 months)  
Berlin, Berlin, Germany

Software development/data engineering working on a private-donor management system, including setting up data pipelines, analytics and managing a data warehouse.

Relevant technologies: Argo Workflows, Python, Snowflake, SQL, Salesforce API, Google Analytics API, Facebook API, Azure Machine Learning, Jupyter Notebooks

Full Stack Developer  
January 2020 - October 2021 (1 year 10 months)  
Berlin, Germany

Software development working on an open-source beneficiary and service management tool.

Relevant technologies: Go, Javascript, RxJS, MongoDB

Junior Software Developer  
April 2019 - December 2019 (9 months)  
Berlin Area, Germany

Software development working on Salesforce Incident Management and Programme Cycle Management tools, and various ETL integrations

Relevant technologies: Salesforce Admin, Visualforce, Python, Airflow, Lightning Web Components, BASH, Azure Data Factory

Freelance Software Developer  
March 2019 - April 2019 (2 months)  
Johannesburg Area, South Africa

Freelancing work on an ETL project connecting Unit4 Business World and Salesforce.

Relevant technologies: NiFi, Unit4 Business World, Salesforce API, BASH

Deutsches Institut für Menschenrechte  
1 year 1 month

Data Engineer  
February 2020 - October 2020 (9 months)  
Berlin Area, Germany

Project setting up web scraping and visualisation for the international human rights politics department.

Relevant technologies: Kubernetes, Scrapy, BeautifulSoup4, Tweepy, Docker, Metabase, SQL, DigitalOcean

Volunteer Data Engineer  
October 2019 - January 2020 (4 months)  
Berlin Area, Germany

Volunteer data work with the international human rights politics department at the institute.

Relevant technologies: Kubernetes, Scrapy, BeautifulSoup4, Tweepy, Docker, Metabase, SQL, DigitalOcean

SAP  
1 year 9 months

Knowledge Manager  
January 2018 - September 2018 (9 months)  
Berlin Area, Germany

Knowledge management & product testing internship position with the SAP innovation centre network.

Relevant technologies: SwaggerUI, YAML, Python, Cobra, Golang

Machine Learning Software Engineer  
January 2017 - December 2017 (1 year)  
Berlin Area, Germany

Internship in the SAP Innovation Centre Network, working on a machine learning platform. Software engineering tasks in an agile environment.

Relevant technologies: CloudFoundry, Kubernetes, Python, C++, Docker, Jenkins, Bazel

## HomeToGo

### System Administrator

February 2016 - July 2016 (6 months)

Berlin Area, Germany

System Administration and IT Support working student position.

Relevant tech and responsibilities: Juniper Switches, Raspberry Pi, Google Analytics, BASH, IT Support, Inventory Management

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## Education

### University of London

Bachelor of Science - BSc (Hons), Computer Science · (2021 - September 2024)

### Technische Universität Berlin

Bachelor of Science - BSc, Computer Engineering (Incomplete) · (2015 - 2018)

### Pretoria Boys High School

National Senior Certificate, IEB AP Mathematics, High School/Secondary Diplomas and Certificates · (2010 - 2014)