LUKE NEVILLE

Biosystems Engineer ● Software Engineer

@ luke@neville.za.net   📞 (+31) 63 440 7489   ✉ Rijnveste 87, Wageningen, 6708PZ, Netherlands   🔗 luke-neville

🏳 South African & United Kingdom Citizen, Netherlands Resident   🈂 Native English

EDUCATION

M.Sc. in Biosystems Engineering

Wageningen University and Research

📅 Sept 2020 – Aug 2022   🎖 Cum laude

Thesis title: Vertical Calories - Selecting high-calorie food crops for cultivation in vertical farms
Focus: Controlled Environment Agriculture and Farm Technology

B.Sc. (Hons) in Computer Science and Computer Engineering

University of Cape Town

📅 Feb 2015 – Nov 2018   🎖 First Class

EXPERIENCE

Data Scientist for Crop Quality Intern

infarm - Indoor Urban Farming

📅 May 2022 – August 2022   📍 Berlin, Germany

Using **data science and programming** in product development and internal tooling for the **crop science** team.

Software Engineer and Technology Strategist

FarmVent

📅 October 2021 – February 2022   📍 Wageningen, The Netherlands

Building cloud and device level architecture and software for distributed in-store **vertical farms**.

Software Development Engineer

Amazon Web Services (AWS)

📅 June 2019 – July 2020   📍 Cape Town, South Africa

Backend **software developer** on Elastic Cloud Compute (EC2).

Software Development Intern

Amazon Web Services (AWS)

📅 2019; 2017-2018   📍 Cape Town, South Africa

Two internships, 2 months and 4 months.

Programming Educator

Edro Robotics

📅 Jan 2018 - December 2018   📍 Cape Town, South Africa

Teaching programming through robotics to children and teenagers.

Looking to combine my programming and agriculture knowledge at an innovative company and play a role in solving critical issues in climate change and food security.

"Build the future you want to live in."

STRENGTHS

Motivator & Leader   Systems thinker
Techno-optimist   Generalist

Python   C++   Scala
System Modelling   Project management
Controlled Environment Agriculture

ACHIEVEMENTS AND HOBBIES

🗺 **Springbok Scout Badge**
Highest Scouts SA achievement

🏆 **Wageningen UR**
Finalist, Academic Consultancy Training Award

⛰ **Hobbies**
Climbing, hiking, camping, slacklining

🎵 Trombone player in a brass and afro-funk band

👥 Reading, cooking, board games, family time

VOLUNTEERING

🔥 **Volunteer Wildfire Services**
Wildland firefighter, 2020

🧭 **Scouts - Rover Scouts Chairman**
2020

🧭 **Scouts - Assistant Troop Scouter**
2016 - 2020

REFEREES

Available on request.