CADET CYUZUZO

CONTACT

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📍 16 Hohenort Avenue, Cape Town, 7806

EDUCATION

High School

Cape Academy of Mathematics Science and Technology

2017-2019

University

BSc Civil Engineering: University of Cape Town

2020-2022 (Incomplete)

LANGUAGES

English

Afrikaans

Kinyarwanda

I am a computing enthusiast and aspiring engineer, who's passionate about computer science, micro-systems and engineering in general. I am punctual and always willing to take on a challenge. I am capable of learning just about any skillset in a short period to accomplish the necessary tasks.

WORK EXPERIENCE

Cumputer Science Tutor

Carnegie Hub (School)   2020-2022

Duties:

- Engage in face-to-face lessons with students
- Provide students with necessary resources to succeed
- Prepare students for practical A-Level Exam

Computer Lab Assistant

University of Cape Town   2020-2022

Duties:

- Enforce the lab rules.
- PC Troubleshooting
- Printer Troubleshooting
- Network Troubleshooting

PROJECTS

Name	Description
InstaScrape	A python based web-crawler capable of downloading image and video data from public Instagram accounts. Will be scaled to allow automate user login and comments.
MatOpps	MatOpps is a mathematical modeling software developed in Rust and Python. This app is meant to be used by maths and engineering undergrads to aid in visualization.
T − D.B.E	A database engine written in Python. This database engine (d.b.e) stores data in text files.
BankApp	This is a python based banking app capable of authentication, authorization and accounting of users and transactions from a central database.
PaperCrawl (Incomplete)	PaperCrawl is a WebApp developed in AngularJS with python as a backend. This app aggregates past exam papers for access to high-school students and provides a platform for competition via a point-collection system.

SKILLS

Computer Programming

- Proficient in: Web development (HTML, CSS, Javascript, ReactJS, AngularJs, nodejs, PHP)

- Native Systems GUI design

- Data Modelling and Statistics

- Teaching Computer Programming

- Experience working with predictive models such ass K-means, k-nearest neighbors, regression, clustering

- Client-Server Development

- Proficient in C, C++, RUST, Python

Teaching/Tutoring

- Teaching Computer Programming

- Maths and Physics tutoring

Computer Hardware Setup

Computer Diagnostics (Hardware and Software

Intermediate Linux Experience

Web crawl Development

Effective knowledge of MS Office Suite (MS Word, Powerpoint, Excel, Access)

Autocad

Ansys Structural simulations

REFERENCES

Hilton Kannemayer

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Sophie Carnegie

Employer - Carnegie Hub

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