

## SUMMARY

Hardworking University student at Belgium Campus ITiversity seeking excellence . Bringing forth a motivated attitude and a variety of powerful skills. I am committed to utilizing my skills to become a successful Software Engineer

## EDUCATION

### Belgium Campus IT-Versity

Bachelor's Degree in Computing  
2022 – Present

- Cumulative average: 77.6%

### High School Pionier

National Senior Certificate  
2017 – 2021

- Headboy 2021
- Top 10 2021

## SKILLS

- |                |                |
|----------------|----------------|
| • HTML         | • Tensorflow   |
| • CSS          | • scikit-learn |
| • JavaScript   | • PostgreSQL   |
| • React.js     | • Arduino      |
| • TypeScript   | • Figma        |
| • Tailwind CSS | • Postman      |
| • Git          | • Blender      |
| • GitHub       | • Nodejs       |
| • Bootstrap    | • Vite         |
| • Python       | • MongoDB      |
| • C#           | • Java         |
| • SQL Server   |                |

## LANGAUGE

- Native Afrikaans
- Secondary English

## WORK EXPERIENCE

- ATKV Natalia
  - Work as an entertainer
  - Public speaking

## REFERENCES

- High School Pionier
  - Email: [admin@pionier.co.za](mailto:admin@pionier.co.za)
  - Phone: 034 981 3152
- ATKV Natalia
  - Philip du Plessis
  - 078 213 9285

## PROJECTS

### Loan Automation with machine learning

Build a deep learning classification model in python to determine whether an applicant qualifies or not.

#### Skills used:

- Python
- scikit-learn
- Tensorflow

### AlgoGraphix

AlgoGraphix is a web application that visualizes popular sorting algorithms. It demonstrates how algorithms like Bubble Sort, Merge Sort, Insertion Sort and Selection Sort work by sorting an array of numbers step by step visually

#### Skills used:

- React.js
- TypeScript
- Tailwind CSS
- Vite

### CV Website

CV Website to showcase myself and my skills

#### Skills used:

- HTML
- CSS
- JavaScript
- MongoDB
- Bootstrap

### Linear Programming Optimization

Optimization CLI application using the Simplex, Dual, Branch and Bound and Knapsack algorithm to solve linear problems. Sensitivity analysis was applied as well.

#### Skills used:

- C#