

# SIPHOSIhle NOMFANELO MTSHALI

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## SUMMARY

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Enthusiastic and motivated Computer Science graduate with a passion for frontend development and a flair for creative expression. I blend technical expertise with a love for coding as an art form. A "numbers girl" with proven data analysis skills, I thrive in collaborative, cross-disciplinary teams. My project management foundation and versatile skill set contribute to operational efficiency and successful outcomes. Eager to inject my creative spirit and unwavering dedication into a dynamic environment that values continual advancement and innovation.

## PROFESSIONAL EXPERIENCE

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### Networking and Infrastructure Internship

01/2024- Present

Data Sciences Corporation | Onsite

- Developed foundational knowledge in Linux, Windows (Windows 10), and virtualization (Hyper-V, VMWare).
- Deep understanding of storage concepts, including components, mediums, and data flow.
- Mastered TCP/IP, routing, networking, and basic SAN layout principles.
- Proficient in industry-standard tools: Putty, Packet Tracer, Wireshark, and Cacti.
- In-depth knowledge of server hardware, completion of Microsoft Managing Modern Desktops Exam MD-101.
- Enhanced cybersecurity skills through Security+ (now Cybersecurity and Network Defense).
- Practical experience with cloud-based programs: Microsoft Power Platform, AZ900 Microsoft Azure Fundamentals.
- Enrolled in Cisco Academy course for ongoing networking skills reinforcement.

### HP Tech Corporate Venture Capital & Business Analytics Externship

12/2023- Present

HP Ventures | Remote

- Researching start up metrics, industry data, team, and business models
- Determining product differentiation and strategy across startups
- Constructing market maps across various startup sectors
- Managing data using data cleaning methods and tools such as Open Refine
- Calculating and analyzing data using Excel and SQL to find summary values and trends
- Presenting and correlating the data using data visualization techniques include charts
- Recommending attractive startups for further investment due diligence

### Web Development Internship

01/2024- Present

CodSoft | Remote

- Collaborated with the development team to create responsive and visually appealing user interfaces.
- Utilized HTML, CSS, and JavaScript to implement design mockups into functional web pages.
- Gained hands-on experience with front-end frameworks such as React or Angular.
- Worked closely with cross-functional teams to understand project requirements and deliver solutions within specified timelines.

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### Fieldworker Supervisor

02/2022- 04/2022

Stats SA | Johannesburg, South Africa

- Monitored and resolved alerts (notices of potential issues) by following up with assigned staff
- Provided instructions to Enumerators for improving production and performance to meet deadlines and quality standards
- Managed Enumerators to ensure Enumerators are performing as expected to consistently hit daily targets
- Reversed underperformance of district by managing out underperforming enumerators, identifying and motivating the team through frequent communication, coaching, and strategic direction

### Administrative Assistant

2017 – 2019[School holidays]

Dr LN Nene | Johannesburg, South Africa

- Assisted administrator in communicating with clients and insurance companies
- Collected data from patients to assist in managing their accounts and oversee the ordering of medical supplies
- Provided administrative support including answering phone calls, responding to emails and preparing correspondence

## EDUCATION

University of South Africa | Bachelor of Science in Computer Science

2020-2023

## TECHNICAL SKILLS

**Languages:** Python, C++, C, HTML/CSS, SQL, NoSQL, JavaScript

**Data Visualization:** Excel, Google Sheets, Matplotlib, Tableau, Figma,

**Developer tools:** VS Code, Visual Studio, React, Node.js, Git, Responsive Design, Web Design, User Interface(UI)/User Experience(UX), API, Hosting

## SOFT SKILLS

- Detail-orientated and quality orientation
- Problem solving ability and creative thinking
- Data-Driven strategic planning and organizing skills
- Learning agility
- Time Management
- Excellent written and oral communication skills
- Critical and Analytical thinking skills
- Excellent presentation skills (oral and written)
- Excellent teamwork and collaboration skills
- Deal Sourcing/Lead Generation

## CERTIFICATION

Responsive Web Development | SheCodes

Associate Data Analyst | DataCamp

**Web Development** | SheCodes

**Introduction to Coding** | SheCodes

**Analytics and Visualization Virtual Internship** | Accenture | Forage

**Data Analytics Virtual Internship** | KPMG | Forage

#### **ADDITIONAL LINKS**

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**LinkedIn** - <https://www.linkedin.com/in/siphosihle>

**GitHub** - <https://github.com/creator-droid>

**Portfolio Website** - <https://sihles-portfolio-website.netlify.app/>