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## CAREER OBJECTIVE

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I am a continuing master's student in Artificial Intelligence for Sciences Masters at the African Institute For Mathematical Sciences-South Africa accredited by Stellenbosch University. First-class graduate in BSc. Mathematical Sciences with I.T. who aspires to use my competencies and skills to creatively contribute towards innovations for global impact.

I am proficient in backend development(Java, Php), frontend development(ExtJs, ReactJs), database management(MySQL, PostgreSQL), server administration(CentOS) and data analysis using Python, R and Advanced Excel.

I have a special interest in machine learning towards design and optimization of computational fluid dynamics especially in atmospheric weather predictions, water irrigation systems, wind energy and aerospace engineering.

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## KEY SOFT SKILLS & PERSONAL ATTRIBUTES

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- Responsive Leadership and Team player.
- Self-motivated and innovative.
- Problem solving.
- Observant and Keen on details.
- Excellent oral and written communication skills.

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## EDUCATION AND QUALIFICATIONS

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PERIOD	INSTITUTION	QUALIFICATION
2024-Present:	AIMS- South Africa & Stellenbosch Univeristy	MSc. Artificial Intelligence
2016-2020:	Maseno University (1ST Class Honors)	BSc. Mathematical Sciences, With I.T.
2012-2015:	Kenswed Secondary School	High School Diploma (Grade: B +)

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## WORKING EXPERIENCE.

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**Sept 2023 - Aug 2024:** Program Assistant, Leadership Development Program(LDP) at Emerging Leaders Foundation-Africa

### *Duties and Responsibilities:*

- Implement and coordinate projects and activities(iLEAD Fellowship, NOW US! Awards & St Andrews Turi Leadership Award)
- Design and develop concept notes and proposals for proposed projects and initiatives within the LDP department.
- Develop relevant programmatic content for the LDP department and other departments.
- Design and support development of I.T. Infrastructure.

**Nov 2020 - Aug 2023:** Software Developer at Smart People Africa Limited Company.

*Duties and Responsibilities:*

- Developing, implementing and upgrading the PickPay Enterprise Resource Planning (E.R.P.) Project as a full-stack software developer.
- Organizing and training users of the Enterprise Resource Planning Water utility system.
- Establishing Standard Operating Procedures (S.O.P.) for better teamwork, order and quality control.

**Jul- Sept 2019:** Peer teacher in Kenswed Secondary School.

*Duties and Responsibilities*

- Tutoring mathematics and physics from form one to form four.
- Organizing and implementing the math-hour program to help students in their revision.
- Facilitating the mentorship, guidance and counselling program for students.

## LICENSES AND CERTIFICATIONS

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Issued Date	Certification	Institution
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**Feb 2023:** Certificate of Completion of iLEAD Fellowship Cohort 9: ELF-Africa.

**July 2021:** Microsoft Dynamics 365 Business Central Supply Chain Essentials: Use Dynamics.

**June 2021:** Graphic Design with Adobe Illustrator: Kenswed Vocational Training Institute.

**June 2021:** Programming | HTML5 with JavaScript and CSS3 | PHP | WordPress: Kenswed Vocational Training Institute.

**March 2021:** Microsoft Dynamics 365 Business Central Finance Essentials: Use Dynamics.

**Dec 2020:** Introduction to Java Programming: Java Fundamental Concepts: Coursera.

**Dec 2020:** Programming Foundations with JavaScript, HTML and CSS: Coursera.

**Jan 2017:** Certificate in Peace Ambassador & Peer Counseling: Maseno University.

## ACHIEVEMENTS AND RESPONSIBILITIES.

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**2023- Present:** Financial Secretary Santa Rosa De Lima Choir and Ngong Cathedral Brass Band.

**2022-Present:** Organizing Secretary iLEAD fellowship program cohort nine (9).

**2019-Present:** Chairperson Kenswed Secondary School Alumni Association.

**2017-2020:** Peace Ambassador and Peer Counsellor: Maseno University.

**2018-2019:** Chairperson Catholic Students' Association and vice-chairperson St. Anne's Chaplaincy Council, Maseno University.

**2017-2018:** Chairperson Development Committee, St. Anne's Chaplaincy Maseno University.

**2014-2015:** Treasurer Christian Union Kenswed Secondary School.

#### REFEREES.

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To be provided on request.