Beckham Berhanu

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EDUCATION

Addis Ababa University   Addis Ababa, Ethiopia
Master of Science in Computer Engineering (GPA:3.56/4.00)   **March 2023**
Lunar International College   Addis Ababa, Ethiopia
Master of Science in Project Management (GPA:3.63/4.00)   **October 2021**
Addis Ababa Science and Technology University   Addis Ababa, Ethiopia
Bachelor of Science in Computer Engineering (GPA:3.00/4.00)   **July 2018**

RESEARCH EXPERIENCE

- Applied **Deep Learning** algorithms (LSTM, BiLSTM, CNN, MLP) in research, achieving over 98% classification accuracy.
- Intern **Research Assistant** at Center of Excellence, collaborating with scholars and researchers on various projects.
- Guided 10+ Master's students on their research projects, helping them finalize their theses and successfully graduate.
- Completed an undergraduate thesis on real-time traffic light management using computer vision, optimizing traffic flow.

PUBLICATIONS

Mulgeta, Beckham Berhanu, and Dinkisa Keno Wakene. "**Effects of Corporate Social Responsibility on Project Performance of Cooperative Bank of Oromia.**" [2022]

Mulgeta, Beckham Berhanu, and Fitsum Assmnew Andarge. **"Application layer DDoS(AlDDoS) attack classification using Deep Learning."** [2025] (under review)

TEACHING EXPERIENCE

- **Lecturer,** Bridge International College, Microprocessor and Assembly Language Programming(CS)   **Jan 2025 – Current**

WORK EXPERIENCE

INFONANS SOLUTION PLC   **May 2023 – Current**
Manager, Project Management Office(PMO) – Addis Ababa, Ethiopia

- Remotely led Smart Classroom & Security projects, tripling university efficiency, all while guiding teams of 20 experts.
- Revolutionized communication with a system-thinking approach, boosting inter-departmental efficiency by 50%.
- Executed a customer-attracting SMS service rollout through Scrum methods, resulting in a 70% increase in user engagement.

ZERGAW CLOUD SERVICE PROVIDER   **May 2022 – May 2023**
IT Project Manager – Addis Ababa, Ethiopia

- Rocketed to Project Lead, securing 20%+ project growth & landing key clients like Ethiopian Red Cross Society.
- Implemented SaaS solutions (File Management system, websites, ERP modules) attracting 100+ companies.
- Negotiated and executed multi-million dollar contracts for two World Bank-funded data center projects.
- Led 6 impactful 4 World Bank and African Union projects, managing diverse 20+ expert teams for significant progress.

ADC RESEARCH AND DEVELOPMENT PLC   **December 2019 – May 2023**
System Engineer – Addis Ababa, Ethiopia

- Bridged dev/test/prod environments, streamlining collaboration & shaving 25% off development cycles.
- Adeptly architected & deployed 12+ projects on Linux servers, boosting the company's R&D agility by 30%.
- Maintained 99.01% up-time for Lefayda micro finance system & Balderasu delivery system, delighting clients.

HONORS AND AWARDS

Outstanding Research Paper Award: **November 2022**

I was honored with an Excellent grade for my Project Management research, which was acknowledged by the college, featured on their social media, and had its publication fee covered.

Presenter at IEEE Design and Technology of Modern Electronic Systems (DTMES)   **February 2023**

SKILLS

- **Technical:** Python & it's libraries | Keras | Tensorflow | Deep learning | Machine Learning | Linux | SQL | Latex | Stata
- **Certifications:** PMP® | Artificial Intelligence Mastery | Google Project Management Professional Certificate | CCNAv7
- **Languages:** English | Amharic | Afan Oromo

EXTRACURRICULAR ACTIVITIES

- **Rotary International:** Participated in over 5 community service projects by the Enderasse Rotary Group. Role: Secretary.
- **Toastmasters International:** Engage in public speaking and leadership development with LIP-H Club.
- **Mary Joy Ethiopia (MJE):** Sponsor a child's tuition fees and support an elderly individual's expenses monthly.