

Esayas Dires

[Bsc(Civil Engineering), MSc(computer Science)]

Graduate Civil Engineer || AI Enthusiats || Graduate Research Assistant || coder

Email: esayasdires@gmail.com || Mobile: + 251 – 920 – 77 – 45 – 37

EDUCATION

Bachelor of Science – Civil Engineering

Awarded September 2017

Bahidar University, Bahirdar, Ethiopia

CGPA: 2.9/4

Master of Science – Computer Science

Ongoing 2022

American Collage of Technology, Addis Ababa, Ethiopia

CGPA: 3.5/4

RESEARCH INTEREST

- Artificial Intelligence in Business and Security Systems
- Software Development
- Intelligent Systems
- Machine Learning and Big Data Mining

PROFESSIONAL EXPERIENCE

July 2017 – Jan 2019 ||Senior Engineer || Elicon Constraction

- Manage the operations and construction of multiple project sites.
- Provide technical guidance regarding structural repairs, construction, and design.
- Use computer-assisted drawing tools to design structures and transportation systems.
- Train new employees to supervise projects in order to expand the company.
- Attended meetings to discuss projects with clients, contractors, asset owners, and stockholders.

Key Projects Handled:

- ✓ Kirkose sub city B+G+6 luxury Appartment
- ✓ Arada Subcity B+G+4 Luxury Appartment

Feb 2020 –Present||Senior software Engineer|| FUNDS & ELECTRONIC TRANSFERS LIMITED (FETS) (fetswallet.com)

Duties and Accomplishment

- Developed and documented design, source base and architecture.
- Produced clean, efficient code based on specifications (SRS)
- Integrated software components and third-party payment systems
- Verified team work and deploying programs and systems
- Coordinated with architects and business analysts to determine functionalities.
- Troubleshooting, debugging and upgrading existing software • Implementing and evaluating user feedbacks • Run tests and fix bugs.
- Developed technical solutions to complex business problems.
- Recommended and executed improvements
- Designed and developed logical and physical data models that meet application requirements.
- Created technical documentation for reference and reporting

Key Projects Handled: (TMS, BILL-PAYMENTS, INSURANCE)

AWARDS & PROFESSIONAL AFFILIATION

- The Institution of Structural Engineers 2019-Present
- American Society of Civil Engineers (ASCE) - 2019-Present
- Ethiopian Association of Civil Engineers (EACE) 2015-Present

APPLICABLE SKILLS

Software Development Tools and Analysis Skills

1. Proficiency with
 - Java, PHP, Golang, Python
 - MySQL MongoDB, Microsoft SQLserver
 - JavaScript, Angular, React
 - AndroidStudio
2. Strong background in coding with production Windows and Linux process and its technologies Servers

Computational skills & Statistical Skills

- Statistical analysis using GraphPad Prism, Python, Instant Pad
- Microsoft Office packages, Endnote, Adobe packages and other information technology compliance
- Data Analysis ability with Python, Excel
- Basic Programming Skills with Excel VBA, Pandas & Java, Android

Research and Publication Skills

- Excellent Scientific Research ability with knowledge of APA and MPA referencing styles
- Excellent written and verbal communication skills
- Excellent abilities with Ms and Google Docs

Other Skills

- People management and organizational skills
- Teambuilding & Staff Supervision
- Decision making
- Ability to communicate (Oral and Written) in English

PROFESSIONAL SERVICE

1. **Symposium Co-Organizer**
Ethiopian Association of Civil Engineers (EACE), Symposium

REFEREES

Dr. Haileyesus Belay, civil and Hydraulic Engineering

Ethiopian Space Science and Technology Institute

Phone: +251-912-1794-83

Email: haileyesusbelay@gmail.com

Relationship: Academic Advisor