

Daniel Anyuon Atem

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UNIVERSITY EDUCATION

Hawassa University | Scholar | Hawassa, Ethiopia

Oct 2018 – Jun 2022

Bachelor of Science Degree in Computer Science

CGPA: (3.45 out of 4.00) | 1st Class with Distinction

Relevant Modules: Advanced Programming(A), Communicative English Skills(B+), Basic Writing Skills (A+), Systems and Network Administration(A+), Software Engineering(A-), Internet Programming(A+), Advanced Database Systems(B), Civics and Ethical Education(B+), Data Structures and Algorithms(A), Object Oriented Programming(A+), Logic and Reasoning Skills(B+), Writing Skills(A+), Electricity & Electronic Devices(B), Entrepreneurship and Enterprise Development(A), Wireless Communication and Mobile Computing(A), Analysis of Algorithms(B), Artificial Intelligence(A), Research Methods(A), Computer Security(B+), Distributed Systems(A-)

WORK EXPERIENCE

ICT Officer & Trainer | Juba, South Sudan

Jan 2023 – Present

Company: YEO (Youth Empowerment Organization – NNGO)

- **Plan lessons & implement practical trainings** in computer literacy, web design and programming for South Sudanese youth students at various levels.
- **Successfully trained** and graduated 35+ youths awaiting certificates in computer literacy, web design and programming - sponsored by UNFPA.
- **Maintain Software and Hardware Systems** within the organizations.

Software Engineering | Internship | Hawassa, Ethiopia

Oct 2021 – Nov 2021

Company: SNNPR ICT Agency

- **Collaborated** with a 5-person team to develop an Internship Management System (IMS) that helps the organization automate the internship process with the universities.
- **Documented** an Internship Management System (IMS) for the organization. Included documenting the system features and system design.
- Successfully **Implemented** the IMS in ASP.NET MVC with MySQL Database, using client-server architecture.

Web Developer | Upwork | <https://atemd.github.io> (portfolio website)

Oct 2020 – Present

Company:

- **Identified client goals, defined scope of their project** based on their goals and priorities while **meeting deadlines**.
- **Maintained & Updated Projects on Github** using CI/CD pipelines for development operations.

- **Successfully completed** various projects such as Food Delivery and Housing Web applications.

SOFTWARE DEVELOPMENT PROJECTS

Housing Web Application	<ul style="list-style-type: none"> - This project is built to solve the problem of soaring rent prices in big cities like Addis Ababa through shared housing. - My solution to this problem is by matching strangers using various algorithms to ensure users get the best match to stay with and share the costs. - Features includes: queued jobs processing, task scheduling, search filters, matching algorithms, and many other features. - https://atemd.github.io/shared-housing-platform
Food Delivery Application	<ul style="list-style-type: none"> - This application is designed and built to ensure on time delivery of food, meal variety and restaurants in Juba city. - Features includes: search, filters, and delivery tracking. - https://atemd.github.io/juba-delivery-app
Internships and Jobs Portal	<ul style="list-style-type: none"> - A portal built to allow companies and educational institutions to post internship and jobs for university students. - https://atemd.github.io

And many other web apps at <https://github.com/atemD>

COMPUTER SKILLS

Microsoft Office Suite:	Excel, Word, PPT
Programming Languages:	Java, JavaScript, PHP, C#, C++, HTML, CSS, MySQL
Software Frameworks & Tools:	Laravel – professional level, Vuejs – intermediate level, Bootstrap – professional level, Wordpress – beginner level, Docker, Github, CI-CD
Operating Systems:	Windows OS, Linux OS (Ubuntu)

SKILLS

Languages:	English (Fluent), Kiswahili (Fluent), Arabic (Spoken, basic), Dinka (Fluent).
ICT Knowledge	Excellent practical knowledge in ICT as demonstrated in experience section.
Professional Ability:	Understanding of Microsoft Word, Excel, PPT, and various cloud modern software and technology tools.
Leadership & Teamwork:	Lead teams and various projects with excellent results as demonstrated from my experience as project lead and leadership positons.
Critical thinking & Problem Solving:	Documenting and Implementing advanced projects in web application development involving research and advanced software engineering skills
Software Development:	Breaking down complex problems and providing solutions
Communication / Interpersonal skills	Communicating with teams and clients for effective project progress.
Writing Skills	Did project works, technical documentations and proposal writing.

EDUCATION

Hawassa University Hawassa, Ethiopia Bachelor of Science Degree in Computer Science <i>CGPA: (3.45 out of 4.00) 1st Class with Distinction</i>	Oct 2018 – Jun 2022
Uganda Christian University Mukono, Uganda Bachelor of Science Degree in Information Technology <i>Grade: Semester 1: 3.40/5.00, Semester 2: 4.20/5.00</i> <i>Key Modules: Information Technology, Information Systems, Computational Math, Old Testament, New Testament, Writing and Studying skills, Business Communication Skills.</i>	Sep 2015 – May 2016
London College of St. Lawrence Kampala, Uganda Uganda Advanced Certificate of Education (UACE - A Level) <i>Subjects: General Paper, Mathematics, Chemistry, Biology, Art</i>	Feb 2011 - Nov 2012
London College of St. Lawrence Kampala, Uganda Uganda Certificate of Education (UCE - O Level) <i>Subjects: English, Literature, History, Geography, Mathematics, Physics, Chemistry, Biology, Art, Commerce.</i>	Feb 2008 – Nov 2010
Shadrack Kimalale Primary School Nairobi, Kenya Kenya Certificate of Primary Education (KCPE) <i>Subjects: English, Kiswahili, Math, Science, Social Study & C.R.E.</i>	Jan 2004 – Nov 2007

CERTIFICATIONS AND ACHIEVEMENTS

Fundamentals of Business Finance, with Goldman Sachs 10,000 Women Certificate of Merit Coursera.org <i>Goldman Sachs</i>	July 2022 – Nov 2022
The Power of Macroeconomics: Economic Principles in Real World Certificate of Merit Coursera.org <i>University of California, Irvine</i>	April 2022 – July 2022
Training and Implementation of Routine HIV/AIDS prevention Strategies Counselling and Testing in Clinical Settings Certificate of participation <i>Global Health and HIV/AIDS Initiative Uganda in Partnership with Ministry of Health and Makerere University</i>	July 2010
Special Duties Prefect (Library & Educational Activities) Certificate of Merit <i>London College of St. Lawrence,</i>	Oct 2009 – Oct 2010
Inter-Campus Sports and Games Certificate of Merit <i>St. Lawrence Schools and Colleges</i>	Apr 2012
National Basketball Championship Certificate of Merit <i>Ministry of Education and Sports.</i>	Apr 2011 – May 2011

Introductory Foot Drill and Marching | Certificate of Attendance
St. Lawrence Schools and Colleges

Sept 2011 – Oct 2011

**Training and Implementation of Routine HIV/AIDS prevention Strategies
Counselling and Testing in Clinical Settings** | Certificate of participation
*Global Health and HIV/AIDS Initiative Uganda in Partnership with Ministry of
Health and Makerere University*

July 2010

Special Duties Prefect (Library & Educational Activities) | Certificate of Merit
London College of St. Lawrence,

Oct 2009 – Oct 2010

HOBBIES AND INTERESTS

Playing Chess, Website Development, Programming, Reading Books

PERSONAL DETAILS

South Sudanese | Christian | Juba, South Sudan

REFERENCES AND RECOMMENDATIONS

1. **Mr. Elias Jarso** (Lecturer) | Department of computer Science
+251 932 2126 85 | eliasjarso@hu.edu.et / Elijah.gm@gmail.com
2. **Mr. Mwaka Daniel** (Executive Director) | Youth Empowerment Organization (YEO – A National
NGO in South Sudan) | +211 920 009 900 |
3. **Mr. Wogene Alemayehu** (Head, Department of Computer Science) | Requested for my Internship
attachment to SNNPR-ICT Agency as a foreign national.
+251 462 009 435 / +251 91 3413 362 | wogenea@hu.edu.et / cs@hu.edu.et
4. **Mr. Gezahegn Gaje** (Lecturer) | Department of Computer Science
+251 928 9783 11 / +251 983 3990 52 | gezahegng@hu.edu.et / gezagize@gmail.com

DECLARATION

I hereby declare that all the facts given above are true and correct to the best of my knowledge

Date: 25th July 2023

Place: Juba, South Sudan

Name: Daniel Anyuon Atem

Signature: 