

# Daniel Anyuon Atem

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## UNIVERSITY EDUCATION

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**Hawassa University** | Scholar | Hawassa, Ethiopia

**Oct 2018 – Jun 2022**

**Bachelor of Science Degree in Computer Science**

**CGPA:** (3.45 out of 4.00) | 1<sup>st</sup> 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

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**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

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

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

## COMPUTER SKILLS

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

## SKILLS

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

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## EDUCATION

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<b>Hawassa University</b>   Scholar   Hawassa, Ethiopia <b>Bachelor of Science Degree in Computer Science</b> <i>CGPA: (3.45 out of 4.00)   1<sup>st</sup> Class with Distinction</i>	<b>Oct 2018 – Jun 2022</b>
<b>Uganda Christian University</b>   Mukono, Uganda <b>Bachelor of Science Degree in Information Technology</b> <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>	<b>Sep 2015 – May 2016</b>
<b>London College of St. Lawrence</b>   Kampala, Uganda <b>Uganda Advanced Certificate of Education (UACE - A Level)</b> <i>Subjects: General Paper, Mathematics, Chemistry, Biology, Art</i>	<b>Feb 2011 - Nov 2012</b>
<b>London College of St. Lawrence</b>   Kampala, Uganda <b>Uganda Certificate of Education (UCE - O Level)</b> <i>Subjects: English, Literature, History, Geography, Mathematics, Physics, Chemistry, Biology, Art, Commerce.</i>	<b>Feb 2008 – Nov 2010</b>
<b>Shadrack Kimallel Primary School</b>   Nairobi, Kenya <b>Kenya Certificate of Primary Education (KCPE)</b> <i>Subjects: English, Kiswahili, Math, Science, Social Study &amp; C.R.E.</i>	<b>Jan 2004 – Nov 2007</b>

## CERTIFICATIONS AND ACHIEVEMENTS

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

**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**

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Playing Chess, Website Development, Programming, Reading Books

## **PERSONAL DETAILS**

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South Sudanese | Christian | Juba, South Sudan

## **REFERENCES AND RECOMMENDATIONS**

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1. **Mr. Elias Jarso** (Lecturer) | Department of computer Science  
+251 932 2126 85 | [eliasjarso@hu.edu.et](mailto:eliasjarso@hu.edu.et) / [Elijah.gm@gmail.com](mailto: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](mailto:wogenea@hu.edu.et) / [cs@hu.edu.et](mailto: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](mailto:gezahegng@hu.edu.et) / [gezagize@gmail.com](mailto:gezagize@gmail.com)

## **DECLARATION**

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

*Date: 25<sup>th</sup> July 2023*

*Place: Juba, South Sudan*

*Name: Daniel Anyuon Atem*

Signature: 