

MARIAMAWIT S. ASHENAFI

With over nine years of work experience, I am a passionate and versatile software developer who enjoys creating web applications, data analysis tools, and task automation tools. I have a strong background in computer programming, data management, and data analysis. I value innovation, collaboration, and continuous learning, and I am excited to join an organization that shares these values and fosters a diverse and inclusive culture. I am eager to leverage my skills and experience to create impactful and user-friendly solutions.



Contact

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Social Media

www.linkedin.com/in/mariamawit-ashenafi/

<https://menigedegna.github.io>

<https://replit.com/@mariamawitash>

<https://codepen.io/mariamawit/>

Skills

Python (Flask, Django)

Javascript (React.js, Node.js)

HTML5 / CSS (Bootstrap)

Git / Github

PostgreSQL

Languages

Amharic

English

French

Hobbies



WORK EXPERIENCE

Software Developer, Freelance

2021 - 2023

- Designed and created web application, logos and banners for start-up to boost marketing.
- Taught Earth and Life Sciences, Computer Programming, Data Analysis to students in grades 7 through 12 for a year at Lycee Guebre Mariam.

Computational Biologist, Team Leader

Ethiopian Biotechnology Institute (EBTi), Addis Ababa | 2019 -2021

- Organized workshops for university professors to improve their proficiency in Biotechnology and Bioinformatics tools
- Provided prompt solutions, training and proactive troubleshooting support for Biotechnology researchers.

Biotechnology and Computational Biology, Research Assistant

University of Zurich, Switzerland | 2014 -2018

- Enhanced image processing software to allow automatic nuclei detection. This product facilitates research on nuclei organisation.
- Documented and published nuclei extraction and preservation, high resolution microscopic image acquisition and image processing methods.
- Developed python pipelines for laboratory task automation to boost research efficiency and accuracy.
- Created JavaScript application to optimize data management and quick visualization.

Computer Biologist, internship

Ecofilae, France | 2013

- Created a prototype for a data-driven application for the management of reused water, by collaborating with agronomists and scientists.
- Documented prototype to train new team members for future development.

EDUCATION HISTORY

2012 - 2013

Master of Bioinformatics, Health data management

University of Montpellier, France

2010 - 2012

Master of Biotechnology

University of Montpellier, France

2007 - 2010

Bachelor of Agronomy and Food Science

University of Haute-Alsace, France

TRAINING & CERTIFICATION

2021 - 2023

Python (Flask, Django), JavaScript (React, Node.js), Git

FreeCodeCamp, LinkedIn, Udemy, Coursera