Mahmoud Hamed Ahmed

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Location: Sohag, Egypt

Professional Summary

– Dedicated Python Programming Trainer with expertise in curriculum development and instructional delivery.

– Specializes in teaching programming fundamentals, data structures, and OOP concepts via hands-on methods.

– Strong ability to simplify complex technical topics for diverse learner groups.

Keywords

– Python Education

– Curriculum Development

– Workshop Facilitation

– Student Mentoring

– Learning Assessment

– Educational Technology

Work Experience

Online Programming Instructor *Special Course* — April 2024 – December 2024
Sohag, Egypt

– Developed delivered a Python curriculum for 50+ students, covering fundamentals through OOP.
– Designed interactive labs on variables, data types, control flow, loops, functions, and classes.
– Created quizzes projects to assess progress; achieved a 90% course completion rate.
– Provided one-on-one mentoring to improve student outcomes and engagement.

Project Coordinator (Part-Time) *EYouth* — January 2025 – Present
Remote

– Coordinated client communications, confirmed training schedules, and resolved issues.
– Managed project timelines, tracked deliverables, and delivered progress reports.
– Collaborated with stakeholders to ensure program quality and client satisfaction.

Internships

Coordinator Intern *Creativa Hub Sohag (with Edventures)* — Nov 2024 – May 2025
Sohag, Egypt

– Organized volunteer workshops
– Managed attendee tracking, feedback collection, and data entry workflows.
– Coordinated logistics and stakeholder communications for smooth event delivery.

Volunteering

Cipher & Ma3refa — CS50 Facilitator — 2022 – 2023
Sohag, Egypt

– Taught Scratch, Python, C, and C++ via hands-on projects.
– Guided students in debugging and problem-solving strategies.

Athar — Problem Solving Facilitator — 2021 – 2022
Sohag, Egypt

– Delivered C++ problem-solving workshops.
– Supported students with language concepts and exercises.

Life Makers Sohag — Accounts Officer — May 2023 – May 2024
Sohag, Egypt

– Managed financial accounts for year-long fundraising campaigns; tracked donations.
– Prepared weekly/monthly financial summaries, ensuring accuracy and compliance.
– Liaised with donors to confirm contributions and handle inquiries.

Life Makers Sohag —[EDGE] Training — May 2023 – May 2024
Sohag, Egypt

– Developed plans to enhance volunteers' skills.

Hult Prize — Operation — May 2023 – May 2024
Sohag, Egypt

– Coordinated events and training.

TIEC Ambassador — Coordinator — May 2023 – May 2024
Sohag, Egypt

– Coordinated events and training sessions, ensuring smooth organization and effective execution.

Extracurricular

Python Programming Courses *Samsung Innovation Campus*   July 2023 - Sep 2023

– Coursework: Programming basics, Python, algorithms, data analysis, and data visualization.

Flutter Development (Level 1) *Udemy (Tharwat Samy)*   Nov 2023 – Jan 2024

– Completed course on Flutter UI design and state management.

Front-end Courses *GDSC Sohag*   June 2022 – Sep 2022

– Covered HTML CSS fundamentals and Javascript.

C++ Problem Solving *ICPC Sohag & Athar*   May 2022 – Jan 2022

– Engaged in C++ algorithmic training and contests.

Skills

Soft Skills

– Effective communication & presentation

– Team collaboration & leadership

– Adaptability & creative problem-solving

– Time management & organization

Hard Skills

– Curriculum design & educational planning

– Student assessment & feedback

– Workshop facilitation & training delivery

– Data analysis for learning outcomes

Technical Skills

– Languages: Python, C++, C, Dart/Flutter, HTML, CSS, Javascript

– Tools: Git, GitHub, VS Code, Jupyter Notebooks

– Microsoft Office: Excel (pivot tables, formulas, charts), Word (templates & formatting), PowerPoint (design & animations), Outlook (email & calendar)

– Educational Tech: Moodle, Zoom, Google Classroom

Languages

– Arabic: Native proficiency

– English: Good professional proficiency (B1)

Education

College of Education, Mathematics *Sohag University*   Expected 2026