
TITLE: INSTRUCTOR
REPORTS TO: THE OPERATIONS MANAGER

JOB NUMBER: 20200525-I

I. INTRODUCTION

The Visiola Foundation runs high quality science, technology, engineering, and mathematics (STEM) programs to empower African girls and young women with the critical skills required for success in the 21st century. The programs are designed to build the confidence of girls in pursuing careers in the STEM fields, while strengthening their overall academic performance and technical skills.

The Instructor will report directly to the Operations Manager. Two (2) positions are available.

II. FUNCTIONS AND RESPONSIBILITIES

Essential Functions:

Responsible for providing instruction on a wide range of computer science courses, including Programming with Python, Full Stack Web Development (including HTML, CSS, Javascript) database management with PHP, MySQL, Robotics, and other universitylevel computer science courses.

- Teach students HTML, CSS, Javascript, PHP, MySQL, Python etc.
- Teach students the basic science and mathematics behind computers and the hardware and the software built on those foundations.
- Teach students how to write computer programs and algorithms.
- Teach students Robotics and the science and engineering behind assigned topics.
- Create lesson plans and projects designed to enhance learning.

- All other duties as may be assigned by the Operations Manager.

III. QUALIFICATIONS

- A minimum 2:1 Bachelor's degree in Computer Science, Information Systems, Computer Engineering, or a related field from an accredited university.
- Must have an excellent command of English grammar.
- Experience in a variety of technical disciplines, such as web design, data management or administration, software development, and/or programming in several computer languages etc.
- Familiarity with new and emerging technologies.
- A passion for learning about and applying innovative technologies, and the desire to contribute to training others.
- Prior experience teaching and/or tutoring would be an advantage.

Additionally, we seek an individual with the following personal skills:

- Aptitude for technology-oriented solutions.
- Analytic problem solving skills.
- Excellent organizational, time, and task management skills.
- Strong communication skills and business acumen.
- Strong work ethic and taking personal initiative.
- Ability to work across teams.

VI. APPLICATION PROCESS

If your qualifications and skills match our desired profile, kindly send your Cover Letter and CV to careers@visiolafoundation.org with subject, "Application to Instructor Position." Applications will be accepted until a suitable candidate is identified.

Only shortlisted applicants will be contacted.