



Lead Instructor: COMPUTER SCIENCE APPRENTICESHIP

Midtown Center for boys seeks an outstanding student or professional to serve as Lead Apprenticeship Instructor from June 17 – July 26, 2022.

THE ORGANIZATION

Midtown Achievement Center for Boys is actively seeking a dedicated student or professional to take on the role of Lead Instructor for our innovative Computer Science Apprenticeship program, scheduled from June 17 to July 26, 2024. Candidates are encouraged to explore Midtown's Mission and Vision to better understand our objectives and values, which are detailed on our website at www.midtown-metro.org.

ABOUT MIDTOWN'S COMPUTER SCIENCE APPRENTICESHIP

Our Computer Science Apprenticeship aims to immerse a group of 12-15 ambitious students in grades 9-11 in the world of computing, coding, and digital innovation. The program is structured around:

- Interactive classroom instruction,
- Collaborative, hands-on design projects,
- Guest lectures from seasoned professionals in the field,
- Educational field trips to tech companies and innovation hubs to provide real-world context.

Beyond technical skills, we emphasize the development of essential soft skills demanded in today's workplace:

- Timeliness and punctuality,
- Responsibility and accountability,
- Professional self-presentation,
- Effective communication and public speaking,
- Initiative and creative problem-solving,

- Resilience and perseverance,
- Openness to constructive feedback.

This comprehensive experience is designed to not only equip participants with foundational coding skills but also to strengthen their work ethic and academic skills, paving the way for success in higher education and beyond.

RESPONSIBILITIES AND EXPECTATIONS

As the Lead Instructor, you will be instrumental in creating an enriching learning environment that fosters creativity, critical thinking, and practical skill development. **By June 12, 2024**, you are expected to submit a detailed course curriculum that emphasizes student-led learning, reflective practices, and real-world computer science concepts. Your role will also involve evaluating students on both their technical abilities and soft skills development, in line with the apprenticeship's overarching objectives. Collaboration with our staff to arrange motivational guest speakers and organize insightful field trips will be key, ensuring a well-rounded exposure to the Computer Science profession.

QUALIFICATIONS

- Must be a declared Computer Science major (or a closely related field) with extensive subject matter expertise, practical experience, and academic accomplishments.
- Must maintain a strong academic and behavioral record in their current educational institution.
- Demonstrated enthusiasm for mentoring and educating students from urban backgrounds.

LOGISTICS

The apprenticeship program requires Lead Instructors to begin with a staff orientation during the week of **June 11 - 14, 2024**. Classes will commence on **Monday, June 17, 2024**, and conclude on **July 27, 2024**, with an awards ceremony on the final Saturday morning. This role requires a commitment to teach in person, **Monday through Friday, from 9:00 am to 4:00 pm at 1819 N Wood St., Chicago, IL 60622**.

APPLICATION

Interested candidates should forward their resume and either a letter of recommendation or a list of references to the COP Director, Mariano Gomez, at

mgomez@midtown-metro.org. Please also indicate if you have an interest in other teaching opportunities available for English, Math, or Science instruction to 4th-8th graders.

We look forward to welcoming a passionate and visionary Lead Instructor to our team to inspire and shape the future leaders of the digital world.

Mariano Gomez

COP Program Director
Midtown Achievement Center

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