MICHAEL
ANDERSON

Educational Robotics Developer

- San Francisco, CA
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Creative Robotics Development Engineer with a focus on educational robotics and over 5 years of experience in developing engaging robotic learning systems for schools and universities. Passionate about inspiring the next generation of engineers by creating hands-on robotics kits and curriculums that foster creativity and critical thinking. Experienced in programming educational robots using Python and Scratch, and adept at collaborating with educators to enhance learning experiences.

WORK EXPERIENCE

Educational Robotics Developer | STEM Robotics Inc.   Jan 2022 – Present

- Designed interactive robotics kits for students, increasing engagement in STEM subjects by 50%.
- Developed curriculum materials that integrate robotics into science and mathematics education.
- Conducted workshops for educators on implementing robotics in the classroom.
- Collaborated with educational institutions to align robotics programs with learning objectives.
- Managed project timelines to ensure timely delivery of educational materials.
- Created online resources for students to enhance their understanding of robotics concepts.

Robotics Instructor | Tech Academy   Jul 2019 – Dec 2021

- Taught robotics courses for high school students, fostering interest in engineering careers.
- Designed hands-on projects to reinforce robotics concepts and skills.
- Evaluated student performance and provided constructive feedback to guide improvement.
- Collaborated with other instructors to develop interdisciplinary projects.
- Participated in community outreach programs to promote robotics education.
- Utilized technology to enhance instructional delivery and student engagement.

SKILLS

Educational Robotics   Curriculum Development   Python   Scratch   Project Management   Workshop Facilitation

EDUCATION

Bachelor of Science in Robotics and Education   2016

University of Learning

ACHIEVEMENTS

- Recipient of the 'Innovative Educator Award' for contributions to robotics education.
- Increased student participation in robotics programs by 60% over two years.
- Successfully launched a robotics camp for children that received positive feedback from parents and educators.

LANGUAGES

English   Spanish   French