Nikita Pendharkar

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Curious and meticulous engineer and instructor with the ability to learn, understand, apply, document, and share domain and engineering skills to complete the task at hand and ensure the business goals are met.

Skills

- Hands-on Python, Matlab, And Scratch.
- Knowledge of libraries like PyTest, Flask, NumPy, BeautifulSoupand Pandas.
- Working knowledge of Web technologies with XML and JSON.
- Good understanding of Cloud technologies and concepts.
- Worked on Digital Signal and Image Processing Toolboxes.
- Hands-on with Linux, SQL, and Shell scripting.
- Worked on Robotics Programming languages like Spike Prime, Blockly, etc.

Professional Experience

Freelancer
Digital content creation and Publishing on Youtube.
Object-Oriented Python development using Web technologies.

03/2020 – present
Acton, United States

Instructor, *CodingWithKids*
Introducing K-12 kids to coding and programming using Scratch.
Conduct coding with robotics classes with Ozobot.
Coordinate with School staff and Curriculum leads.

10/2018 – 03/2020
Greater Boston,
United States

Teaching faculty and Lab coordinator, *SSGM College of Engineering*
Conducted network analysis and instrumentation sessions.
Conducted labs for DSP involving MATLAB exercises.

06/2008 – 10/2010
Shegaon MH, India

Certificates

- University of Michigan - Programming for Everybody (Python)
- Rice University - An Introduction to Interactive Programming in Python

Education

M.E Digital Electronics, *SGBA University*
Thesis: FPGA implementation of sigma-delta analog to digital converter.

08/2007 – 06/2009
Amravati, MH, India

B.E Electronics & Telecom, *SGBA University*

08/2003 – 05/2007
Amravati, MH, India

Work Authorization

Valid EAD. No Sponsorship required.