PIRALTO J. MCANUFF

LECTURER

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KEY SKILLS

- Animation & Creative Technologies
- Electronics & Digital Technologies
- Teaching & Learning
- Artificial Intelligence in Education
- Mobile & Web Development
- Curriculum Design
- Gamification & Adaptive Learning

EDUCATION

PHD (CANDIDATE) – CAREER & TECHNICAL EDUCATION,
University of Technology
2017 – present

MSC DIGITAL TECHNOLOGY
University of the West Indies (MONA)
2004 – 2006

BEd ELECTRICAL TECHNOLOGY
University Of Technology, Jamaica
1999– 2003

PROFESSIONAL SUMMARY

Lecturer at the University of Technology, Jamaica (UTech), specializing in Animation, Digital Technology, Creative and Computing Education. Currently pursuing a PhD in Career & Technical Education (CTE) with a research focus on Gamification in Education, AI-driven adaptive learning platform design, and Generative AI Engineering.

WORK EXPERIENCE

LECTURER -SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY
University of Technology, Jamaica (UTech) | Jan 2017 – Present
- Deliver core and specialized courses in the B.Sc. Animation Development & Production programme, including Introduction to Figure Analysis, Character Design & Development, Animation Production, Dynamic Anatomy I & II, and Critical Structures for Storyboarding.
- Teach courses in Computer Logic and Digital Design for the Faculty of Engineering.
- Part-time lecturer in the Faculty of Education and Liberal Studies (FELS), teaching Digital Electronics and Solid State II.

LECTURER -PORTMORE COMMUNITY COLLEGE
Portmore Community College, Jamaica | Jun 2008 – Dec 2016
- Taught a wide range of computing and engineering modules including Web Development (HTML, JavaScript, ASP.NET, PHP), Electronics Fundamentals, Digital Electronics, Electronic Circuit Design, and IT Applications.
- Designed and delivered courses on Electronic Circuits and Devices, supporting students in both practical and theoretical components.
- Provided mentorship and technical guidance, preparing students for further studies and entry into the technology industry

TEACHER -CAMPION COLLEGE
Campion College, Jamaica | Jun 2004 – Dec 2007
- Taught Technical Drawing and Information Technology at both CXC and CAPE levels, preparing students for regional examinations.
- Applied innovative teaching methods to enhance student engagement and performance in STEM-related subjects.
- Contributed to the school's academic success through curriculum delivery and extra-curricular support in technical subjects.

E-TUTOR -UWI DISTANCE EDUCATION PROGRAMME
University of the West Indies, Distance Education Programme | Sep 2007 – Dec 2007
- Facilitated online learning for undergraduate students in Computer Science.
- Provided academic support, assignment guidance, and virtual tutoring to enhance learner outcomes in a distance-learning environment.

PART-TIME ELECTRICAL INSTRUCTOR -PORTMORE HEART ACADEMY
Portmore HEART Academy, Jamaica | Jul 2007 – Nov 2007
- Delivered training in Electrical Installation (Levels I & II), focusing on practical competency and technical standards.
- Supported vocational learners in achieving industry-recognized certifications.

CERTIFICATES

COMPTIA PROJECT+
2016

FACIAL RIGGING AND
ANIMATION HEART/NTA
2017

3D CHARACTER
ANIMATION HEART/NTA
2017

GOOGLE UX DESIGN
2025

IBM GENERATIVE AI FOR
EDUCATORS
2025

META REACT NATIVE
2025

INDUSTRY AND DEVELOPMENT EXPERIENCE

APPLICATION DEVELOPMENT-ELEARNING JAMAICA

August 2014 -July-2017

Mobile Application Development -ELJAM Tutor.

Mobile Application Development PEP App.

APPLICATION DEVELOPMENT-OPERATION LAND OF MY BIRTH

August 2014 -July 2017

Mobile Application Development -Community App.

WEB PLUGIN DEVELOPMENT-NATIONAL IRRIGATION COMMISSION

April 2025 -July2025

Wordpress Bill query Plugin

PROFESSIONAL MEMBER

- *Jamaica Animation Nation Network- Assistance Training Executive Jan 2025-present*
- *Society for Animation Studies Jan 2020 - present*
- *Jamaica Technology & Digital Alliance 2017 - present*

STUDENT MENTORSHIP AND AWARDS

- *TAVIA Awards Winner for Best Voice Acting 2025 (Faculty Facilitator)*
- *TAVIA Awards Winner for all Categories 2024 (Faculty Facilitator)*
- *KingstOOn Animation Festival – Best Concept Award (Faculty Facilitator)*
- *COMCOL Software Development – 1st Place (Faculty Facilitator)*
    - o   (Business Application) May 2015
    - o   (Game Application) May 2015

COMMITTEES AND GROUPS

- *Faculty Awards Committee member– 2025*
- Animation Development and Production Internship Coordinator 2017-2025
- Knightcap fest production team member
- JANN Assistant Training Executive
- Animation Development and Production major project supervisor

AWARDS

Digital Jam 3.0 – Mobile App Innovation Winner (2014)

WORKSHOPS PRESENTATIONS

Presenter at the Faculty of Education and Liberal Studies Graduate Students'
Conference 2019 Presentation - An introduction to automation using Arduino
(2017)
Presenter at The Industrial Technology Educator's Association of Jamaica (ITEAJ)
2014 Symposium-Presentation on automation with Arduino (2015)

REFERENCE

References are available upon request.