

Prince Steven Annor

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EDUCATION

New York University Abu Dhabi, Abu Dhabi, UAE
Bachelor of Science, Computer Engineering, 3.66/4.0

Aug 2016 - May 2020

CURRENT EXPERIENCE

New York University Abu Dhabi, Abu Dhabi, UAE
Assistant Instructor of Engineering

September 2020-Present

- Lead laboratory instruction sessions, conduct discussion, and review sessions.
- Assist Electrical and Computer Engineering faculty with the instruction of courses, laboratory sections.
- Maintain the laboratory in functioning order for teaching the courses.
- Assist in grading assignments, provide support with the preparation, development, and assessment of various courses.

Robotics and Intelligent Systems Control, Abu Dhabi, UAE

Researcher

February 2020-Present

- Design and develop an IoT system that incorporates various sensors, actuators, communication protocols, and mobile and watch applications with Google Assistant for effective control and automation in calm computing applications.
- Develop a calm computing system that uses Hector SLAM for real-time optimal geodesic trajectory planning with TurtleBot3 and RP Lidar in ROS (Python and C++).

RESEARCH EXPERIENCE

Robotics Laboratory, Abu Dhabi, UAE

Researcher

May 2019-July 2019

- Developed localization of fiducial markers using visual servoing with the Open Manipulator robot and the oCAM.

Applied Interactive Multimedia (AIM) Research Group, Abu Dhabi, UAE

Researcher

December 2017-November 2018

- Co-authored IEEE International Symposium on Haptic Audio-Visual Environments and Games 2018 paper, 'The Role of Haptics in Digital Archaeology and Heritage Recording Processes'.

Nsesa Foundation, Accra, Ghana

Executive - Nsesa Foundation, Project Lead

September 2017-September 2019

- Co-authored 8th Computer Science Education Research Conference 2019 paper, 'Keep Calm and Code on Your Phone: A Pilot of SuaCode, an Online Smartphone-Based Coding Course'.

WORK EXPERIENCE

Processing Foundation, New York, USA

Processing Foundation Fellow

March 2019-July 2019

- Developed an automated grading system in Python and Processing on a Linux server
- Launched and administered SuaCode Africa, Africa's first smartphone-based online coding course, to hundreds of students across Africa and the diaspora.

NYU Steinhardt School of Culture, Education, and Human Development, New York, USA

Developer/technology services support

February 2019-June 2019

- Designed website and assets and provided technology services support.

SKILLS

Languages: English, Native Fluency; Twi, Fluent; French, Basic; M.S. Arabic, Basic.

Soft and Managerial skills: Intercultural Collaboration, Problem solving, Creativity, Adaptability, Self-motivation, Research, Teamwork, Leadership, Written communication, Project Management, Records and Event management.

Tools & Technologies: C, C++, C#, Java, Verilog, VHDL, Raspberry PI, JS, Processing, ROS, Electronics, Assembly, Computer Vision, Machine Learning, SolidWorks, Illustrator, Web development, Python, MATLAB, Robotics, Embedded systems, Linux Administration, VR, Audio Visual systems, Database systems, Experience with using laser cutter, 3D printer and other fabrication tools, Photography, Photoshop Lightroom, MS Excel, Computer Networking.