

# Prince Steven Annor

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## EDUCATION

**New York University Abu Dhabi**, Abu Dhabi, UAE

Aug 2016 - May 2020

Bachelor of Science, Computer Engineering, GPA 3.63/4.0

## RESEARCH EXPERIENCE

**Robotics Laboratory**, Abu Dhabi, UAE

May 2019-July 2019

*Researcher*

- Developed localization of fiducial markers using visual servoing with the Open Manipulator robot and the oCAM.
- Conducted experiments to validate the results from the Computer Vision system using a Vicon system.

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

December 2017-November 2018

*Researcher*

- 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'.
- Developed virtual reality museum exhibition in the Chai3D framework with haptic feedback and automated photogrammetry setup for digitally capturing 3D archeological artifacts.

## WORK EXPERIENCE

**New York University Abu Dhabi Campus Life**, Abu Dhabi, UAE

November 2016-Present

*Student Life Facilities Assistant*

- Set up, mix live sound, program lighting fixtures, mix visuals for on-campus events of hundreds of attendees.
- Manage inventory of lighting, sound and computing equipment, debug and maintain facilities of NYUAD Student Life.
- Trained ten interns on equipment setup, sound mixing, lighting fixtures programming, VJ and facilities management.

**Processing Foundation**, New York, USA

March 2019-July 2019

*Processing Foundation Fellow*

- Developed version 1.0 of AutoGrad, an automated grading system for giving students feedback on submissions in Processing and led a beta development team.
- 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

February 2019-June 2019

*Developer/technology services support*

- Designed website and assets and provided technology services support.

**Mobile Print Project**, Abu Dhabi, UAE

September 2016-May 2019

*Mobile Print Developer and Administrator*

- Developed cloud printing setup and automatic printer sharing to provide NYUAD students with smartphone printing capability in Abu Dhabi and Shanghai.
- Developed Linux back-end, mail delivery system, Mobile Print Bot and trained two interns to manage the system.

**Nsesa Foundation**, Accra, Ghana

September 2017-September 2019

*Executive - Nsesa Foundation, Project Lead*

- Integrated Processing via smartphones and developed Processing sketches and curriculum to teach core programming concepts interactively to hundreds of students in triannual cohorts across the African continent.

## SKILLS

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

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

**Operating systems:** Windows XP, Vista, 7, 8 and 10; Linux (Raspbian, Kali, Ubuntu, Mint); MacOS (Mojave, High Sierra).

**Tools & Technologies:** C, C++, C#, Java, JS, Processing, ROS, Electronics, Assembly, Computer Vision, Video production, Machine Learning, SolidWorks, Illustrator, Web development, Python, MATLAB, Robotics, DMX programming, 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.