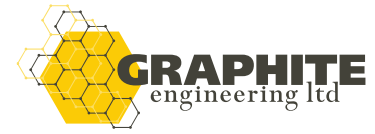


# Ross Anderson

Engineering Assistant

[randerson@graphitebahamas.com](mailto:randerson@graphitebahamas.com)



## ▼ Professional Summary

Ross Anderson graduated from the University of The Bahamas with a Bachelor's in Electrical Engineering Technology. He is currently employed at Graphite Engineering as an Engineering Assistant for MEP design, with a primary focus on electrical design. He has assisted in developing various residential and commercial projects around the islands of The Bahamas, such as at Baha-Mar and Albany. Ross is certified by the CSA Group in the Canadian Electrical Code Part 1. He has experience with various software such as MATLAB, AUTOCAD, REVIT, and C++. He is currently working towards becoming a certified electrical engineer by gaining experience in the engineering field.

## ▼ Experience

### 2021 - Present Graphite Engineering Ltd., Assistant Engineer

- Assist in MEP designs for residential and commercial projects.
- Complete on-site inspections of installations at various projects.
- Complete innovative solar designs for 100% renewable island projects.

### 2020 – Teacher's Assistant, University of The Bahamas

- Helped retrieve, sort, and copy forms in the Main office of the Science Block.
- Worked with Math teachers to organize in-class work and mark student work.

### 2018 - Bahamas Power and Light

- Learned about power generation at Blue Hills Power Station.
- Assisted in refueling generators daily.
- Assisted in electrical and mechanical checks on downed generators.

## ▼ Key Projects

### Big Fish Cay

- Completed Electrical Design of a fully solar off-grid multi-residence project at a private cay.

### Ki'ama Resort

- Completed Electrical Design of a fully solar off-grid Resort in Exuma.
- Design encompasses full electrical site distribution design, Villa, and Beach club electrical design.

### Baha-Mar Resort

- Assist and lead in multiple plumbing, mechanical, and electrical designs throughout the Baha-Mar Resort buildings and event areas.
- Complete inspections on existing MEP services at various areas on the Baha-Mar Resort site.

## ▼ Education

2014

**International Baccalaureate Diploma, St. Andrew's School**

2018

**Associate of the Arts, University of South Florida**

2021

**BS in Electrical Engineering Technology, University of the Bahamas**

- Graduated with an overall GPA of 3.86 and a distinction.
- Nominated for UB Presidents Award.
- Recipient of Mathematics, Physics, and Technology George Swann Award for Bachelor of Science in Electrical Engineering Technology.

### ▼ **Certifications**

- Associates Certificate in SOLIDWORKS.
- Experience with MATLAB, AUTOCAD, REVIT, C++, OCTAVE software, assembly language.
- Certification from CSA Group in Canadian Electrical Code, Part 1, 2021.

### ▼ **Skills**

- Experience with microcontrollers such as Arduino Uno and MSP430 microcontrollers.
- Experience building electrical systems and 0-15V power regulation devices.

### ▼ **Published Articles**

- Design, Simulation, and Implementation of a Novel Dipping Impedance Circuit (2020).

### ▼ **Professional Affiliations**

- Bahamas Society of Engineers.
- ASHRAE CARICOM Chapter.
- NFPA Member.