

# CARLOS FERNANDEZ LOCKWARD

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## SUMMARY

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Computer Science Master student with electronics background and 4+ years of work experience. Leader, fast learner, responsible and flexible. **Graduating May 2021.**

## EXPERIENCE

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### ROCHESTER INSTITUTE OF TECHNOLOGY. – Rochester, NY

Laboratory Assistant

Jan 2020 – Present

- Managed and serviced printers.
- Provided tier 1 technical support for students and faculty members.
- Managed equipment inventory.

### GAD INTERMEC S.R.L – Santo Domingo, Dominican Republic

Project Developer and Consultant

Jan 2018 – Jul 2019

- Worked designing and programming software solutions to increase productivity and accuracy in the client's warehouse operations using Python, C# and SQL.
- Led development of a full warehouse management system (WMS) as a Database Architect and Programmer.
- Recruited and managed a small team of developers.
- Warehouse technology consultant for major retailers in Dominican Republic and Puerto Rico.
- Worked with Honeywell warehouse technology solutions: Label printers, Barcode scanners and Vocollect.

### SANTO DOMINGO INSTITUTE OF TECHNOLOGY. – Santo Domingo, Dominican Republic

Laboratory Assistant

Mar 2016 – Dec 2017

- Taught students how to use laboratory equipment.
- Helped students conduct class experiments.
- Managed components and equipment inventory.
- Did regular maintenance and repairs to specialized equipment and operated a CNC Machine.

## EDUCATION

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### ROCHESTER INSTITUTE OF TECHNOLOGY – Rochester, NY

May 2021

Master of Science, Computer Science; Cumulative GPA: 3.85/4.00

#### Relevant Coursework:

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|--|----------------------------|--|
| • Foundations of Artificial Intelligence | • Computer Vision          | • Machine Learning methods for Time-series analysis. |
| • Foundations of Cryptography            | • Computer Graphics        |  |
| • Quantum Computing                      | • Human Behaviour Dynamics |  |
|  | • Machine Learning         |  |

### SANTO DOMINGO INSTITUTE OF TECHNOLOGY – Santo Domingo, Dominican Republic

Oct 2017

Bachelor of Engineering, Electronics and Communications

#### Relevant Coursework:

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|----------------------------------|-----------------------------------|----------------------|
| • Signals and Systems            | • Wireless Communication          | • Microprocessors    |
| • Digital Communications         | • Digital Electronics             | • Process Automation |
| • Advanced Communication Systems | • Electronics Systems Programming | • Power Electronic   |
| • Internet of Things (IOT)       | • Digital Systems                 |                      |

## ADDITIONAL

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**Skills:** Python, SQL, Java, C#/C++, Networking, MATLAB, Machine Learning, Quantum Computing.

**Languages:** Fluent in Spanish and English

**Certifications & Training:** Management and Accreditation of Calibration and Testing Laboratories, Metrology Basics, Internal Auditor for Quality Management Systems: ISO Standard 9001-2015.