

# Luca W. Obitz

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## Objective

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Efficient and effective worker with experience in both customer service and product work. Proficient in many programming languages, including Java, Python, and C++. Excellent interpersonal and communication skills. Seeking an internship in order to advance my career and gain job experience.

## Education

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**Georgia Institute of Technology | Atlanta, GA**

Bachelor of Science in Computer Engineering, GPA 4.00

*August 2023 – Present*

Expected Graduation, May 202

## Skills

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**Programming:** Java, Python, C, C++, JavaScript, SQL, Ghidra, Node.js, React, React-Native

**Platforms:** Linux (Ubuntu, Debian), VirtualBox, AWS Cloud

**Hardware:** Raspberry Pi, Arduino UNO, BeagleBone Black

**Software:** OpenCV, GitHub, Multisim, Autodesk Fusion 360, Elasticsearch

**Communication:** Design proposals, technical reports, AGILE framework, presentations (large and small audiences)

**Languages:** French (conversational), English (native)

## Experience

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**Lockheed Martin | Hanover, Maryland**

*June – August 2023*

**Cyber Tech I / RMS Division**

- Underwent training in cybersecurity including basic exploitations, Embedded Linux, and Reverse Engineering
- Created a data aggregation tool that allowed purchase orders to be related and queried using Flask and React

**John's Hopkins University Applied Physics Laboratory | Laurel, Maryland**

*June – August 2022*

**Project Intern / Radio Frequency Engineering Group**

- Found and researched tools to expedite creation of UML diagrams for a large team
- Created XML file editing tool using MATLAB App Creator that prevented costly errors and typos

**Impact Research LLC | Columbia, Maryland**

*June – August 2021*

**Intern**

- Created Elasticsearch Dashboards using SQL data streams that provided IT observability for incoming data requests
- Created a search tool that allowed querying of mass quantities of car crash data using SQL and REST APIs

## Leadership

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**Marriotts Ridge Computer Science Club | Mentor / Officer / President**

*August 2020 – May 2023*

- Planned and ran meetings involving over 80 people, as well as a hackathon
- Advised Students on Computer Science coursework and general questions

**FIRST Robotics Team 6863 | Lead Programmer**

*August 2021 – May 2023*

- Served as sole programmer for an award Winning FRC team, creating swerve drive and other capabilities
- Was on the drive team and helped with operation of the Robot during competition