JONATHAN EDWARDS

P. O.BOX 2719-50100, KAKAMEGA, KENYA

CELL 1: 0799610782 CELL 2: 0100530702

**edwardsjonathan457@gmail.com**

**PROFESSIONAL SUMMARY**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Aspiring mechanical engineer with hands-on experience in the design and fabrication of machine parts, specializing in meeting manufacturing standards and optimizing production processes. Skilled in computer-aided design (CAD) and CNC machining, with a strong foundation in software development to complement engineering solutions. Certified data scientist with expertise in machine learning and Python programming. Additionally, an ethical hacker and penetration tester, proficient in cybersecurity practices to safeguard digital systems. Passionate about leveraging a unique blend of mechanical engineering and cybersecurity skills to drive innovation in industrial and digital environments.

**SKILLS**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Computer designing(CAD)
* Solid works
* Python programming
* Website development
* Ambitious
* Team leadership
* Analytical thinking
* Ethical Hacker
* Critical thinking
* Data management
* Software development
* Emotional intelligence

**WORK HISTORY**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12/2024 **MASTERCARD CYBERSECURITY VIRTUAL EXPERIENCE PROGRAM ON FORAGE**

* Completed a job simulation where I served as an analyst on Mastercard’s Security Awareness Team
* Helped identify and report security threats such as phishing
* Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

1/2024 to 3/2024 **MECHANICAL ENGINEERING ATTACHEE, DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY**

**-** Designed and optimized machine components, reducing material waste by 15% during fabrication.

- Carried out computer aided machining using a CNC machine

- Fabricated machine parts using lathe, milling and drilling machines

- Joined metallic parts using welded joints, mainly arc welding

- Installation and maintenance of electrical systems

**EDUCATION**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Certificate: Ethical Hacking**

**CISCO NETWORKING ACADEMY**

2024 **Certificate: CYBERSECURITY**

**ISC2 - OBRIZIUM**

2024 **Certificate**: **SOFTWARE AND WEB DEVELOPMENT**

**POWER LEARN PROJECT –** NAIROBI, KENYA

2024 **Certificate: DATA SCIENCE AND MACHINE LEARNING**

**UDEMY SCHOOL**

2024 **Certificate: PYTHON PROGRAMMING**

**TRY KIBO SCHOOL** – LAGOS, NIGERIA

2023 **Certificate: C PROGRAMMING**

**GREAT LEARNING ACADEMY**

2021 **High school Certificate**

**ST PETER’S MUMIAS BOYS HIGH SCHOOL** – KAKAMEGA, KENYA

**ACCOMPLISHMENT**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Multilingual: Proficient in French, English and Swahili
* Web Designer: Successfully set up a functional website for a graph plotter; https://graphplotter-jonah-11s-projects.vercel.app/
* Computer Programmer: Conversant with the C, C++ and Python programming languages. HTML, CSS and JavaScript are also part.
* Proficient in Python for data analysis and machine learning applications

**ADDITIONAL INFORMATION**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Uploaded my software development projects to my github account username Jonah-11(Jonathan Edwards)
* Developed several simulations using the Arduino Microcontrallor which can be attributed to the real world applications and upcoming technologies.

**REFEREES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **MR. RICHARD ONYANGO,** PHYSICS TUTOR

ST PETERS MUMIAS BOYS HIGH SCHOOL

CELL NO: 0722968225

1. **DR. ZEDDY ANJIA,** ENGLISH TUTOR

ST PETERS MUMIAS BOYS HIGH SCHOOL

CELL NO. 0727880785

1. **BISHOP (DR.) JACKSON MUTHAMA WAMBUA**

SENIOR PASTOR, DELIVERANCE CHURCH KAKAMEGA

EMAIL: [jackzp@yahoo.com](mailto:jackzp@yahoo.com)

CELL NO. 0722 301 693

1. **MR. SIMON MANYONGE,** ARCHITECTURAL ENGINEER

CELL NO: 0721955999