

Chukwuemeka E Mordi

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EDUCATION

University of Washington - Seattle <i>Bachelor of Science - Electrical and Computer Engineering</i>	Seattle, WA Jun 2022 – May 2024
Green River College <i>Associate of Science - Computer Engineering</i>	Auburn, WA Sep 2020 – Jun 2022

EXPERIENCE

Amazon <i>Incoming Software Engineer Intern</i> <ul style="list-style-type: none">Team TBD	Jun 2023 – Sep 2023 Seattle, WA
University of Washington, Electrical and Computer Engineering <i>Undergraduate Research Assistant</i> <ul style="list-style-type: none">Led development of software to enable hyperspectral imaging on a quantum light microscope in QT3 lab.Collaborated with members of the Diamond Quantum Control Testbed team, which enables advancements in quantum noise spectroscopy, to prep their system for instructional use.Advised by Kai-Mei Fu and Max Parsons.	Jan 2023 – Present Seattle, WA
Expeditors <i>Data Analyst Intern</i> <ul style="list-style-type: none">Developed scripts and queries for data sets used to analyze ocean shipment times (Python, SQL).Performed data extraction from various databases using python drivers; transformed data using pandas; loaded data into PostgreSQL database.Improved software integrity with data cleaning and validation of existing data sets to promote robust data management platform, resulting in data analysis and entry improvement by 12%.	Jul 2022 – Sep 2022 Seattle, WA
Google <i>Product Management Intern</i> <ul style="list-style-type: none">Achieved management recognition by designing and implementing projects aimed at retaining advertising clients.Produced high-quality documents, spreadsheets and presentations for internal and customer-facing needs.Collaborated with mentor and other high school interns to review best practices in software architecture.	Aug 2018 – Sep 2018 Johannesburg, South Africa

PROJECTS

Caesar Cipher <i>Python, Git</i> <ul style="list-style-type: none">A python script to brute force Caesar Ciphers. Used as a tool in Capture The Flag competitions.	Dec 2022 – Present
Monkeypox Predictive Analysis <i>Python, pandas, Matplotlib, NumPy, Git</i> <ul style="list-style-type: none">Conducted Exploratory Data Analysis of the Monkeypox outbreak.Developed engineering features such as heat maps, outlier detection and distribution curves.	Aug 2022 – Present
Redfin End to End Pipeline <i>Python, PostgreSQL, AWS, SQL, Spark, Git</i> <ul style="list-style-type: none">Scraped all housing data on the market in addition to recently sold homes.Generated a Postgres DB to store both parsed and historical data.	Jul 2022 – Present

NOTABLE ACHIEVEMENTS

South African Mathematics Olympiad <i>Top 100 out of 86000+ (Final Round)</i>	Jul 2019
South African Mathematics Olympiad <i>Top 15% (Second Round)</i>	Apr 2018

ADDITIONAL

Relevant Coursework: Data Structures and Algorithms, Linear Algebra, Discrete Math, Differential Equations, Database Systems, (Calculus I, II, III, IV), Signal Processing
Programming Languages: Python, Java, C, SQL, System Verilog, Bash, HTML
Other: Git, AWS, Powershell, MacOS, Linux, MySQL, PostgreSQL, pandas, NumPy, Google Cloud Platform, Azure