

Eliénai L. Ouoba

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EDUCATION

- Bachelor of Music with Elective Studies in Computer Science**, *Wheaton College*, Wheaton, IL 2019-2023
- GPA: 3.58/4.00. Blanchard Presidential Scholar
- Jackson High School**, *Jackson, MI* 2015-2019
- Class Valedictorian. 2019 National Merit Finalist and Scholarship Winner

EXPERIENCE

- Software Engineer**, *First Trust Portfolios*, Wheaton, IL Jun 2023 - Present
- Support various console, web, and 3-tier desktop applications used daily to price and manage Unit Investment Trusts
 - Primary tools: Delphi (Object Pascal), React, Typescript, Node, SQL Server, VSCode, RADStudio
- Software Development Intern**, *First Trust Portfolios*, Wheaton, IL Sep 2022 – Dec 2022
- Converted an existing desktop application into a web application
 - Learned React.js and Node.js, using them to design the new web components
 - Integrated the web application into a larger business application
- Software Development Intern**, *First Trust Portfolios*, Wheaton, IL May 2022 – Jul 2022
- Created a distributed three-tiered desktop application to view and manipulate Target Outcome ETF holdings
 - Learned the Object Pascal-based Delphi programming language, using it to create various demo projects
 - Collaborated daily with a team of 3 other interns to learn and utilize several company products/tools
 - Presented and demonstrated the final product for a team of developers
- Data Analytics Intern**, *Center for Vocation and Career*, *Wheaton College*, Wheaton, IL Jun 2021 – Aug 2021
- Examined professional competencies of Wheaton alumni in relation to their college preparation
 - Provided a mobile app interface as a potential solution to improve CVC outreach.
 - Presented findings to the client, Vocation & Alumni Engagement staff
- Symphonic Band Business Manager**, *Wheaton College Conservatory of Music*, *Wheaton, IL* May 2021 – May 2022
- Processed band transactions to ensure correct documentation and procedures
 - Acted as a liaison between the band and a nonprofit to sponsor a child and send communications to him
- Business Manager & Executive Assistant**, *Wheaton College Conservatory Student Cabinet* May 2020 – Jun 2021
- Collaborated with Conservatory Student Representatives to serve the students and faculty by organizing social events, undergoing projects, and promoting performing arts events.
- Arts Marketing Assistant**, *Office of Marketing Communications*, *Wheaton College*, *Wheaton, IL* Aug 2020 – May 2021
- Collaborated with the Arts Marketing team to publicize Conservatory events on social media
 - Wrote and formatted programs for on-campus music performances, including the Artist Series
 - Researched and structured competitor data and created archives for Conservatory media resources.
- Copywriting Intern**, *Center for Vocation and Career*, *Wheaton College*, Wheaton, IL Jun 2020 – Aug 2020
- Wrote three high-quality diverse accounts of my Wheaton experiences for prospective students
 - Interviewed several of my Wheaton peers to write from their individual perspectives
 - Met biweekly with two teams to discuss progress, collaborate on peer editing, and develop the final presentation

PROJECTS

- ProGrammar** (2022). A touch-typing web application intended for coding students or professionals to develop their speed and accuracy. Tools: JavaScript, CSS, HTML, Firebase, Node, Webpack. A group project, presented to the class and featured in STEM day at Wheaton.
- TGTOHoldingsApp** (2022). A distributed three-tiered desktop application to view and manipulate Target Outcome ETF holdings at First Trust. Tools: SQL Server, Delphi (Object Pascal), multiple in-house frameworks and languages
- Database Client** (2022). A CRUD web database client to view and manipulate data in a MySQL database. Tools: HTML, CSS, JavaScript, Node.js, npm (<http>, [mysql2](https), [url](https))
- Graphing calculator** (2020). A graphing calculator that parses input and renders graphs of different types. Some example functions are provided; zoom and pan are implemented (Java GUI, graphics, painting)