# TOLULOPE OSHINOWO

1039 Vrooman Avenue, Niskayuna, New York 12309

📞 518-986-6438 ✉ toshinowo@olin.com 🔗 toshinowo.co 🔗 linkedin.com/in/tolulope-oshinowo 🔗 github.com/toluooshy

## EDUCATION

**Olin College of Engineering**                                                                           **Aug. 2019 – May 2023**
*3.96 GPA*                                                                                                          *Needham, MA*
- Bachelor of Science in Electrical and Computer Engineering.
- Recipient of half tuition merit scholarship.

## EXPERIENCE

**Coinbase Global, Inc.**                                                                                      **May 2022 - Present**
*Decentralized Exchange Smart Order Router (DEXSOR) & Crypto Fee Optimization Software Engineering Intern.*          *Remote*
- Contributing to the development of user-friendly tools with the intention of optimizing decentralized trades on Coinbase Wallet.
- Building intuitive and comprehensive interfaces to help manage user investment activity and history.
- Utilizing Solidity, Golang, and Ruby to build both on-chain and off-chain financial solutions.

**HubSpot, Inc.**                                                                                    **June 2021 - August 2021**
*Core Buying Experience (CBX) Software Engineering Intern.*                                                      *Cambridge, MA*
- Collaborating with the Growth Core Buying Experience team to envision a more user-friendly front end interface.
- Revamping the buying pages of the HubSpot website using HubSpot infrastructure (ES6, React, Redux, and other in-house tools).
- Leveraging the HubSpot stack to bring forth a more dynamic environment in fintech and entrepreneurship.

**Wellesley Human-Computer Interaction Laboratory**                                            **June 2020 - February 2022**
*Researcher and Full Stack Developer for the "Future of Work at the Human-Technology Frontier" Project.*          *Wellesley, MA*
- Working with students and professors from top universities to conceptualize how meaningful work can be accomplished.
- Building a work-life chat bot for a covid-conscious world as part of the "Big Ideas for Future Investment" initiative by the NSF.
- Examining the possibilities that come with autonomous driving and the potential outcomes to varying market segments/personas.

## PROJECTS

**Kairos Music (kairosmusic.io)** | *JavaScript, Solidity, ReactJS, AWS*                          **December 2021 - Present**
- Kairos Music is an informational platform dedicated to empowering independent artist to finance their passions through NFT's.
- Head of Technology, senior full stack and blockchain developer.
- Currently this project is under redesign after partnering with Unstoppable Domains.

**Wobble Finance (wobblefinance.com)** | *JavaScript, Solidity, EJS, Heroku*                                      **May 2021**
- Wobble Finance is a cryptocurrency screener where users can look up the performance of thousands of different cryptocurrencies.
- In addition to this there is the Wobble Finance Token (WBBL) that helps fund API calls for the web app.
- The Wobble Finance Token (WBBL) tradable on the Binance Smart Chain as a BEP-20 token and is listed on PancakeSwap.

**DynamiChat (tinyurl.com/dynamichat)** | *C, BSON, Shell Script, MongoDB*                                       **April 2021**
- DynamiChat is a messaging platform accessible from the UNIX terminal, fostering a more streamlined medium of communication.
- The reasoning behind this project was to put my C skills to the test by building an extremely low level web chatting application.

**Portfolio Website (toshinowo.co)** | *Ruby, Rails, HTML, Heroku*                                              **August 2020**
- Undertook this project to put Ruby and web development skills to the test, developing a personal website using Ruby and Rails 6.
- This website supplements my LinkedIn profile and is a channel to express myself through other projects and interests.

## ACCOMPLISHMENTS

**NSF National Robotics Initiative PI Meeting**                                                               **February 2020**
*Student Scholarship Winner and Project Presenter.*                                                              *Arlington, VA*
- Presented on the web-app RFID scanner system that my project team had worked on in the previous weeks.
- Met with several top-level researchers and roboticists across the nation and the globe.
- Discussed with professors, fellow undergrads, graduate students, and government officials the ethics of human-robot interactions.

## SKILLS

**Languages**: Python, JavaScript, C, Solidity, HTML/CSS, Ruby, C#, Go, SQL, Assembly, Verilog.
**Web Frameworks**: MERN Stack (MongoDB, Express, React, NodeJS), Web3, Rails, Django, NodeJS/Go with Firebase.
**Circuitry Abilities**: Complete PCB Development Process, Proficiency in Arduino and Raspberry-Pi.
**Foreign Languages**: Proficient in Spanish (New York State Seal of Biliteracy) and Yoruba, Some Chinese.
**Miscellaneous**: Photo and Video Editing, CAD Modeling, and Music Production.

## SERVICE AND LEADERSHIP

**Olin National Society of Black Engineers/The MIX**                                           **September 2019 - Present**
*Programs/Events Lead and Outreach Program Coordinator.*                                                         *Needham, MA*

**Olin College Office of Inclusion, Diversity, Equity, & Access (IDEA)**                         **October 2022 - Present**
*Access Programs Assistant.*                                                                                     *Needham, MA*

**Olin College Advancement Office Assistant**                                                    **February 2021 - May 2021**
*Student Database Manager.*                                                                                      *Needham, MA*

**Olin College Course Assistant**                                                             **September 2020 - May 2022**
*Course assistant for Modeling, Simulations and Design Nature, and Software Design.*                             *Needham, MA*

**Sunnyview Rehabilitation Hospital**                                                         **December 2017 - June 2019**
*Neurotherapy and Pediatrics Recreational Volunteer.*                                                           *Schenectady, NY*