

# Nicholas D. Mensah

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| <https://github.com/mensahTribeWeb> | <https://github.com/mensahtribe>

Aspiring Full-Stack Developer with previous experience spanning business, people management (5+ years), customer engagement, branding, and chemical industries. Frequently tapped for leadership roles with each employer based on strong performance and ability to develop and lead others in teams.

## RELEVANT SKILLS

**Languages:** Java, JavaScript, SQL

**Front End:** React, Redux, Bootstrap, HTML5, CSS, Jest

**Back End:** Spring Boot, PostgreSQL, JUnit, Node, Express

**Development Tools:** IntelliJ, Visual Studio Code, pgAdmin, Git, Git Hub

**Methodologies:** Agile, CI/CD, Microservices

## SOFTWARE PROJECTS

**Vendo-Matic 800** | Virtual Vending Machine Application | **Java, OOP, File I/O**

Virtual vending machine application with command-line interface allowing users to deposit money, choose a product, and return the correct change. Inventory is loaded via a text file and transactions are also logged to a text file.

- Contribution #1
- Contribution #2

**TEnmo** | Money Transfer Application | **Java, Spring Boot, PostgreSQL, RESTful API, Spring Data JPA, Spring Security**

Peer-to-peer money transfer application allowing users to send, request, and approve money transfers. Front-end is a command-line application communicating with a RESTful API server in the back-end.

- Contribution #1
- Contribution #2

**Capstone Title** | Capstone Description | Tool, Tool, Tool, Tool

Capstone Description (Two Lines Maximum)

- Contribution #1
- Contribution #2

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- Contribution #2

## PROFESSIONAL EXPERIENCE

**Trader • Fidelity**, Chicago, Illinois

**08/2018- present**

- Maintained a 16% marginal growth in the market by utilizing market trends, stock growth and company behavior
- Gained skills in research, focus and self control in a trade.
- Increased technical analysis skills by reading charts in order to read the market trends efficiently for potential growth.

**Driver • Uber**, Chicago, Illinois

**08/2018- 2020**

- Increased gross margins from 85% to 140% over the two years by actively listening to customers and providing excellent customer service.
- Mastered time management, customer relations, finance management, and user interface testing.
- Managing inventory and sales as an entrepreneur.
- Practicing communication skills with software development passengers and discussing methods to establish a firm foundation in the tech industry.

**Produce Receiving Supervisor • Whole Foods, Chicago, Illinois****04/2015 - 10/2018**

- Managed a newly established flagship store's produce department inventory Properly distributing, receiving, and unloading department inventory, while establishing an inventory system to significantly decrease inventory shrink by conducting nightly inventory counts.
  - Merchandising and inventory management of the produce department increased sales immensely, which increased the department gain-sharing each quarter.
  - Collaboratively practiced receiving and managing the inventory of one of the biggest produce departments in Chicago.
  - Organized the merchandise on a larger scale using a database system.
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**Produce Team Lead • Mrs. Greens, Chicago, Illinois****11/2013 - 04/2015**

- Managing produce inventory margins for a team of 30+ over 5 departments to assure customer needs were met and team Leads inventories were established daily.
  - Delegated to teams to maintain proper team morale by actively listening while assuring tasks were accomplished which led to an increase in sales by 40% which reduced team member turnover.
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**Cashier • Whole Foods, Chicago, Illinois****12/2012 - 11/2013**

- Managing cash at register
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**Inventory and Pricing Manager • Petco, Niles, Illinois****08/2010 - 11/2012**

- Control shrink of store assets by vigilantly increasing sales and moving merchandise via methodology of FIFO via a JDA system.
  - Created the team schedules for 4 departments to ensure payroll budgets were met for managers and associates
  - Schedules were also established to assure inventory would be properly processed, distributed, and unloaded.
  - Trained teams in proper pet management/care, inventory management, cash handling, and team utilization
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**Lab Assistant • Loyola University, Chicago, Illinois****08/2008 - 05/2011**

- Solvothermal synthesis via Autoclaves were utilized in order to produce Metal Organic Frameworks moieties (IR-MOF1 & 10) at elevated temperatures and pressures.
  - Observed MOF moieties topology and crystal size via optical microscopy and 3D microscopy.
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**Research Student • Dominican University, River Forest, Illinois****08/2008 - 08/2008**

- PCR, Electrophoresis and chromatography technologies were introduced to our research group, while replication of DNA.
- Biochemistry, Molecular Biology, Organic Chemistry, and Psychology were areas of study over a span of 2 weeks.

**Lab Assistant Intern • Youngstown State University, Youngstown, Ohio****05/2008 - 07/2008**

- IR, Chromatography, and NMR were Utilized to characterize carbohydrate moieties in order to assay the carbohydrates as inhibitors.
- K. Barry Sharpless philosophy of SN2 methodologies increased carbohydrate yields by 35%.

**Lab Assistant • Wright College URC, Chicago, Illinois****08/2007 - 08/2008**

- Utilization of ICP-AES, Calometrics, NMR were utilized during soil analysis to obtain macro/micro nutrients.
- Recognized at the Ecological Society of America's annual meeting for research into Prairie reconstruction

**Java Development Program, Merit America****11/2022**

A 30-week intensive program focused on Full Stack Web Application Development, including hands-on coursework in Java Development, Client-Server Programming (SQL + Spring), and Frontend Development (Classic Web + React).

**Bachelors in Computer Science (Web engineer)****01/2023**

**Western Governors University, Salt Lake City, Utah**

Organization Associated Coursework:

\*Potential Online Course

**JavaScript Algorithm and Data Structure Certificate****09/2021**

FreeCodeCamp

<https://freecodecamp.org/certification/mensahtribe/javascript-algorithms-and-data-structures>**Responsive Web Design****05/2020**

FreeCodeCamp

<https://freecodecamp.org/certification/mensahtribe/responsive-web-design>**Molecular Biology && Biochemistry****05/2011**

Loyola University, Chicago, Illinois

Associated Coursework:

**Associates in Science****05/2008**

Wilbur Wright College, Chicago, Illinois

Associated Coursework: