Nzinga Holloman

NzingaHolloman@gmail.com

Python, Java, C++, Scala, HTML/CSS/JS
GitHub: https://github.com/NzingaHolloman
Portfolio: https://nzingaholloman8.wixsite.com/e-portfolio

EDUCATION

North Carolina Agricultural and Technical State University — Greensboro, NC
B.S., Computer Science | Magna Cum Laude — May 2022
- Honors: Chancellor's List (Fall 2019, Fall 2020), Dean's List (Spring 2021, Fall 2021, Spring 2022)
- Google Tech Exchange (Spring 2021)

KEY SKILLS

Java, Python, C/C++, Scala, CSS/HTML/JS, Git, JGrasp, Android Studio, Intellij, WebStorm

RELEVANT EXPERIENCE

Software Engineer Intern, Oracle — May 2021 – August 2021
- Constructed an end-to-end real-time disaggregation tool that streamed data from Pecan Street to interactive graphs created with **Oracle's visual builder** with one other intern and an engineer.
- Created a data ingester library by leveraging the **Spark-JDBC library,** that collected data from a **PostgreSQL** database a batch mode, then produced delta files in **Oracle Cloud Infrastructure Object Storage**. Programmed with **Scala**.
- Designed and built a Mock API to stream test data to **PostgreSQL** in **Python.**

Participant, Autodesk Tech Program — January 2020 – April 2021
- One of four students selected to work aside are engineers, UI/X designers, and product managers to develop key features including a list view for the Shotgun team using **ReactJS**.

Undergraduate Research Assistant, North Carolina A&T State University — August 2020 – December 2020
- Assisted a professor with 4 other students to design and create a sybil detection method for social media accounts.
- Collected and analyzed data using the Twitter API in **Python**, to create a supervised learning model.
- Expanded knowledge on sybil detection methods, machine learning, and supervised learning algorithms through research.

Software Engineer Intern, Dell Technologies — June 2020 – July 2020
- Worked in a team of 4 interns/2 engineers to create an authentication verification entity that prevents impersonation in a storage area network.
- Learned and built a **Redis** database using encryption/decryption techniques to store and retrieve data that was coded in **C++.**
- Participated pro-actively in weekly team meetings and conducted reports on the projects' progress.
- Implemented a **Challenge-Handshake Authentication Protocol** that authenticates a user and host to an authentication entity in 4 weeks by using test driven development.

Participant, Google Software Product Sprint — February 2020 – May 2020
- Collaborated with a team of five to design and implement a web application using **Java, JavaScript, HTML and CSS** over the course of 10 weeks, leveraging various Google Cloud Platform APIs, including App Engine and Datastore.
- Practiced industry best practices such as: Contributing to open-source software using **Git** and **GitHub**, conducting code reviews, practicing in distributed development, designing new components and interfaces leading them to completion.
- Translated **UX wireframes** and mockups into responsive, interactive features, using **HTML/CSS** and **JavaScript**. View: https://github.com/gferioli0418/travelbud
- Built a portfolio website in 4 weeks, using **Google's Chart API**. View: https://github.com/NzingaHolloman/my-portfolio

HONORS AND AWARDS

Reverend Dr. Thomas J. Ritter Memorial Scholarship Recipient — June 2021
- Awarded for exceptional academic performance and significant contribution in the Philadelphia Baptist Community.

PWC Innovation Challenge, 2nd PL, Winners — March 2020
- Used ARTYOM.JS, **HTML/CSS/JS**, and Bootstraps to create a web application that supports children with learning disabilities.
- Won 2nd place among 20 projects for originality, smooth implementation, and social awareness.

Deere and Company Global Study Abroad Scholar — January 2020 – May 2020
- One of ten students given a scholarship to travel to Brazil and present new technological ideas to Deere and Company.

CLUBS AND ORGANIZATIONS

Upsilon Pi Epsilon, Association for Computing Machinery, Society of Women Engineers, National Society of Black Engineers, Aggies Abroad