

# Ngando Ntone

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## EDUCATION

**Georgia Institute of Technology**, Atlanta, Georgia  
*Master of Science in Computer Science*

May 2026  
GPA: 4.00/4.00

**Relevant Coursework:** Computer Networks, Software Development Process, AI, Ethics, and Society, Advanced Internet Computing Systems, Information Security

**Indiana University**, Bloomington, Indiana

May 2019

*Bachelor of Science in Informatics, Minors in Human Centered Computing & Marketing*

**Relevant Coursework:** Problem Solving, Information Infrastructure I&II, Social Informatics, Statistical Techniques, HCI/Interaction Design, Information Representation, Computer & Information Ethics, Design & Development of An Information System, Virtual Reality Design, Product Management, Social Media & Language

## PROGRAMMING SKILLS

Proficient in **Python, JavaScript, TypeScript, HTML, CSS, SQL, Git, Linux, MacOS, Windows.**

Familiar with **Java, React, Angular, Node.js, Spring, TailwindCSS, AWS, Google Cloud Platform.**

## EXPERIENCE

**Software Developer at Kernel Solutions**, Naperville, Illinois

Sept 2022 – Sept 2023

- Collaborated with pharmaceutical business end users to create an application for monthly and quarterly Government Pricing calculations running up to one hundred fifty times faster than competitors.
- Created SQL queries to pull two hundred million pharmaceutical records from pharmaceutical databases into an AWS environment.
- Developed back-end Java tools to handle specifics of each pricing calculation allowing the user more flexibility in different pricing scenarios.
- Enhanced back-end classes with Spring Framework annotations to allow easier access to class properties in the front end.
- Redesigned front-end for business needs through TypeScript and Angular allowing for better visibility during price comparisons.
- Applied agile methodologies with JIRA and Git to organize tasks to meet development deadlines.

**Cloud Technology Consultant at Oracle**, Burlington, Massachusetts

Jul 2019 – Oct 2020

- Executed Oracle APEX technical demonstrations for developers, DBA's, Directors of IT, and CTO's to solve problems in their businesses.

**Software Developer Intern at ServeIT**, Bloomington, Indiana

Aug 2018 – May 2019

- Collaborated with interns as a team of web developers for our client, the City of Bloomington.
- Utilized Laravel PHP web framework and Mapbox to put a live map on a tour guide web application.
- Implemented a secure login and registry to the webpage using an authenticator.
- Maintained and updated an AWS based webpage with an SQL database.
- Used Terminal, Composer, and Laravel to initialize local deployment of the AWS page on local machines.

## PROGRAMMING PROJECTS

**Personal Portfolio Website Project**

April 2025

- Designed and developed a responsive personal portfolio website using React, TailwindCSS, Node.js, and Vite for fast and efficient frontend development.
- Deployed the application to GitHub Pages using the command line interface (CLI) for version control and continuous updates.

**Asteroids-Inspired Browser Game**

March 2025

- Developed a classic-style Asteroids game using Python and the PyGame library, featuring real-time controls, collision detection, and dynamic difficulty.
- Ported the game to the browser using Pygbag, enabling WebAssembly-based execution of Python code in the browser.
- Deployed the game to GitHub Pages for easy public access and sharing.

**Dadle Word Game Project**

Dec 2023

- Created a Wordle-style word game centered on "Dad Jokes" using React and JSON Server for frontend-backend interaction.
- Deployed the frontend via GitHub Pages and the backend on Render.

## ADDITIONAL SKILLS AND INTERESTS

**Languages:** Fluent in **English**; Working proficiency in **Spanish**

**Arts:** Music

**Interests:** Powerlifting, Fantasy Novels, Traveling, Sports, Ergonomics