

Ngando Ntone

Chicago, Illinois 60607 • nntone3@gatech.edu • (812) 447-5254 • Portfolio: <https://ngandontone.github.io/portfolio/>

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

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.

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*.

ADDITIONAL SKILLS AND INTERESTS

Languages: Fluent in *English*

Arts: Music

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