

# Tri Nguyen

470.651.3022 | [nguyenhongtri11@gmail.com](mailto:nguyenhongtri11@gmail.com) | [linkedin.com/in/tringuyen111](https://linkedin.com/in/tringuyen111) | [github.com/hongtri11](https://github.com/hongtri11) | Portfolio Website

## EDUCATION

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### Georgia Institute of Technology

Atlanta, GA

*Bachelor of Science in Computer Science, Minor in Economics; GPA : 3.93*

*Expected graduation: May 2023*

## EXPERIENCE

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### Software Engineer Intern

May 2021 – Aug 2021

#### *Itential*

*Atlanta, GA*

- Developed 3 automation for Verizon Media and Cisco to streamline software upgrade of their network devices
- Added 2 new features, dry-run and roll-back, before and after setting native configuration on the devices
- Built 6+ Jinja2 templates to update new configurations for the new SR-OS from Nokia network devices.
- Helped spot and debug 5+ textFSM template errors of Cisco IOS-XR IS-IS database before product launch

### Teaching Assistant, College of Computing

Jan 2021 – May 2021

#### *CS1332 Data Structures and Algorithms (in Java)*

*Atlanta, GA*

- Assisted the professor in teaching and answering questions for 300+ students during online lectures
- Hosted weekly recitations and one-on-one virtual office hours to reinforce materials presented on class
- Graded 200+ assignments on multiple algorithm topics, reviewed their code, gave feedback, and advice to debug

### Software Engineer Intern

Dec 2020 – Feb 2021

#### *See2*

*Remote*

- Held a volunteer position as a software engineer for See2, an app that allows users to reduce their CO2 emission
- Developed the front-end responsive website and blog using JavaScript, HTML, CSS, Bootstrap
- Collaborated with other 6 team members to design and create UI layout for See2, now downloadable at App Store and Google Play Store (currently having 45+ installations)

### Research Assistant

Dec 2019 – May 2021

#### *Georgia Tech Ubicomp Group*

*Atlanta, GA*

- Worked with Dr. Thad Starner on PARQR, a google chrome extension with over 1000 active users
- Performed an analysis on the number of follow up posts on Piazza (a free online Q&A platform where students can ask and answer questions) using Python.
- Conducted 6+ interviews with TAs of the course CS6601 Artificial Intelligence to gather feedback for PARQR

## PROJECTS

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### Pomodoro Music | *JavaScript, HTML, CSS*

- Built a web application for users to listen to lofi music on their 5-10 minutes break after a Pomodoro session.
- Developed the UI front end using HTML5 and CSS3, utilizing flexbox to create a responsive, centered card
- Worked with JavaScript and HTML5 Audio API to implement load, play, pause song functionalities

### Weather Radar | *JavaScript, HTML, CSS*

- Created a fully-functional Weather Radar App that allows users to view weather information fetched from OpenWeatherMap API with an Icon that shows the weather status
- Enabled users to know the temperature value (22°C) in Celsius unit, the weather description (broken clouds), and then the user's city and country (Atlanta, US) using JavaScript
- Added an feature where the user clicks on the temperature value, that will convert it from Celsius to Fahrenheit

## SKILLS

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**Languages:** Java, JavaScript, Python, MySQL, HTML/CSS, Jinja2, TextFSM

**Developer Tools:** Git, Github, Restful API, VS Code, IntelliJ

**Speaking Languages:** English, Mandarin, Vietnamese

**Soft skills:** Public Speaking, Active Listening, Motivated Self-learner