

Tri Nguyen

470-651-3022 | nguyenhongtri11@gmail.com | [linkedin.com/in/tringuyen111](https://www.linkedin.com/in/tringuyen111) | github.com/hongtri11 | Portfolio Website

EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science, Minor in Economics; GPA : 3.93 Dean's List

Aug 2019 – May 2023

EXPERIENCE

Software Engineer Intern

May 2021 – Present

Itential

Atlanta, GA

- Worked at the Prebuilts team, building 3 company's automation workflow to streamline software upgrade of networking switches and routers for a telecom's multi-city 5G rollout using Itential's Automation Platform (IAP) and Javascript
- Added 2 new features on automation workflow, dry-run and roll-back before and after setting native configuration for networking devices from Cisco and Nokia, increasing the efficiency of pre and post checks using IAP, Jinja2 and TextFSM templates

Undergraduate Teaching Assistant

Jan 2021 – May 2021

Georgia Tech College of Computing

Atlanta, GA

- Serving as a Teaching Assistant for Data Structures & Algorithms, helping over 300 students online during lectures
- Holding recitations to explain technical computer science topics and concepts to those without a strong computer science background
- Instructing students in one-on-one sessions, working with other TAs, grading homework & exams for 25 students

Software Engineer Intern

Dec 2020 – Feb 2021

See2

Remote

- Holding a volunteer position as a software engineer for See2 - an app that allows users to understand their CO2 emission, contributing to the reduction of CO2 in the world today
- Developing the front-end responsive website and blog using JavaScript, HTML, CSS, Bootstrap
- Working with 6 team members to produce creative, efficient layout for See2, now downloadable at App Store and Google Play Store - currently having 45+ installations

Undergraduate Research Assistant

Dec 2019 – May 2021

Georgia Tech Ubicomp Group

Atlanta, GA

- Working with Dr. Thad Starner on PARQR, a google chrome extension with over 1000 active users
- Analyzing the number of follow up posts on Piazza - a free online Q & A platform where students can ask, and answer questions - using Python.

SKILLS

Languages: Java, JavaScript, Python, MySQL, HTML/CSS

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

Speaking Languages: English, Mandarin, Vietnamese

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

PROJECTS

Pomodoro Music | *JavaScript, HTML, CSS*

- Creating a Pomodoro music player with HTML, CSS, JavaScript, and the HTML5 Audio API for your 5-10 minutes break session after working intensely for 30 minutes

Dungeon Master | *Java, JavaFX*

- A Dungeon Master Game, building from scratch using Java and JavaFx in a team of 5 people, allows the users to fully immerse in a role-play game. An adventurer where users can choose to create a character, choose a weapon, armor and different level of difficulties.

Weather Radar | *JavaScript, HTML, CSS*

- Creating the web app using mainly JavaScript, HTML and CSS
- Fetching the API from the open weather, my application shows the users the temperature at their current location and time. They can easily convert between Celsius and Fahrenheit

LEADERSHIP AND ACTIVITIES

Resident Assistant - Georgia Tech

- Promoting and supporting the Health and Safety of over 300 residents at Georgia Tech Residence Hall
- Creating conversations with residents from different backgrounds and building a sense of community