Tri Nguyen

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github.com/hongtri11 | Portfolio Website

EDUCATION

Georgia Institute of Technology   Atlanta, GA
BSc Computer Science, Minor: Economics; GPA : 3.93   *Expected graduation: May 2023*

EXPERIENCE

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

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

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