Nhu Nguyen

qnguyen47@gatech.edu | 770-335-3836 | Github:// /qnguyen29 | Linkedin:// /nhunguyen20/ | website:// https://nhumnguyen.github.io/

Objective: To obtain a software engineer job starting December 2018 (Front end/ Back end/ Full stack).

EDUCATION

Georgia Institute of Technology
Atlanta, GA
- Candidate for Bachelor of Science in Computer Science.
- Expected graduation date: Dec 2019.

Georgia Gwinnett College
Lawrenceville, GA
- Candidate for Bachelor of Science in Computer Science.
- Attended: Jan 2013 – May 2014.
- Transferred GPA: 4.0

SKILLS

Programing:
- Python, Java, C#, JavaScript, Matlab, HTML, CSS, Ember.JS, Handlebars, MySQL, SQLAlchemy.

Tools and Softwares:
- Android Studio, Visual Studio, Flask Framework, React JS, Processing, Spring Framework, Play Framework, Restful Web Service, Git.

Concepts:
- Data Structuring, Algorithms, Object-Oriented Programming, Agile Scrum Methodology.

ACTIVITIES

- Member of the GATech Web Dev Club.
- Participated in Microsoft Coding Challenge 2016, HackGT and HackGSU Fall 2016, 2017, 2018.

EXPERIENCE

SOFTWARE ENGINEERING INTERN ▪ PagerDuty (HQ, San Francisco) ▪ Spring 2018
- Full stack developer in Data Experience team.
- Developed new core features to group alerts into incidents, including Time Based Alert Grouping and Intelligent Alert Grouping.
- Built the new UI model that simplifies the process of moving alerts into a new incident and improves user experience.
- Refactored the frontend code to make it reusable and maintainable (Ember.JS, Handlebars, JavaScript, CSS, HTML).
- Developed a new internal tool from front to back to collect data from PD's engineers and show the according analytics, which required for an upcoming PD's feature. This tool eliminates the process of collecting data manually and speed up the preparing process (Flask, Python, SQLAlchemy, PostgreSQL, Google Charts, PagerDuty's API).

SOFTWARE ENGINEERING INTERN ▪ Macy's System and Technology (GA) ▪ Summer 2017
- Implemented the new Buy Online Pickup in Store (BOPS) Locker Services**,** which manages the validation and distribution of online orders to different locker locations for customers to pick up. Implemented using Java, Restful Web Service, SQL, Spring Framework.
- Developed a Database Management tool - a desktop application which helps the process of creating and updating database easier by auto saving and loading scripts from different versions of database. Implemented using C#, Visual Studio, JSON.

RESEARCH ASSISTANT ▪ GATech ▪ Spring 2015
- Improved the 3D X-ray system which creates 3D bone structure of rats. Upon completion, the current system which only provides static images will be able to produce 3D animations of the rat's motion. The final goal is to apply this system on human, to save time and reduce cost when we need a 3D animation of patients' bone structure while they are moving.
- Designed a treadmill model for rat using force plates. The new model can measure the force applied from each leg of the rat to the ground while it is walking. The model can further detect abnormal motions of human bones, by recognizing uneven strengths/ directions of forces from human's legs (Matlab, Maya).

PROJECTS

GARAGE SALE WEB APPLICATION ▪ Class Project
- Worked as a backend developer to design a web application which helps users create and organize their garage sales. The app can help the process of managing the sold/ left over items in the inventory much easier, as well as calculating the total capital/ revenue of each transaction.
- Implemented using Java/Scala, Play Framework, CSS, HTML.

QUICKPOLL ▪ Hack GSU
- Worked as a frontend developer for an Android app which helps user get immediate responses from people in the nearby area, by creating or responding to any daily poll. This app targets users who share the same interests, such as students in a class who have questions and need immediate answers from other students.
- Implemented using Java, Android Studio, Adobe Illustrator.

GT SYSTEM ▪ Class Project
- Worked as a frontend developer to design an Android app that simulates Georgia Tech registration system. Students and Admins can register for classes, open/ close classes, projects, accept/ rejects applications, etc.
- Implemented using Java/Scala, Android Studio, MySQL.