THINH NGUYEN

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❯ EDUCATION

Georgia Institute of Technology
BS in Computer Science - 2020 (expected)
GPA: 3.4 / 4.0

❯ SKILLS

LANGUAGES: Python, JavaScript, Java, HTML, CSS, MATLAB, MySQL, Shell, Swift
TECHNOLOGIES: Angular, Flask, JavaFX, Firebase, Heroku, Dialogflow, React, SQL, NoSQL, AWS, MongoDB
CONCEPTS: Algorithms, Data Structures, Problems Solving, Web Development, Mobile Development

❯ EXPERIENCE

MACY'S SYSTEM AND TECHNOLOGY - SERVICES DELIVERY INFRASTRUCTURE TEAM   John Creeks, GA
Software Engineer Intern   May 2018 to Aug. 2018
- Contributed on both back-end and front-end development for Delivery Portal Tool.
- Refactored an existing Node.js codebase logic to reduce time complexity, easier for debug and more readable.
- Discovered, built and fixed the major issue with Rest APIs.
- Developed new core features components on the UI portal.
- Redesigned and re-implemented database schemas.
- Technologies include MySQL, Python, Node.js, Shell, Angular, Swagger, Jenkins.

VIP RESEARCH PROGRAM - BIG DATA & QUANTUM MECHANICS   Atlanta, GA
Researcher   Jan. 2018 to Current
- Integrated various elements of big data technology with the high computing infrastructure.
- Leveraged advances in data analytics to enable faster and more accurate calculations of chemical properties using quantum-mechanical techniques such as density functional theory
- Technologies include Python, VMserver, MySQL.

❯ PROJECTS

NAIL SALON CHAT BOT   May 2018 to Current
- The application brings customer services into Facebook Messager; allow users to find the most accurate details and information about the salon. Users able to make an appointment directly with the salon owner.
- Developed using Python, Node.js, JSON, JavaScript, Heroku, Dialogflow.

LET'S KICK   Jan. 2018 to May 2018
- A modern chatbot gives the users accurate details of their favorite soccer team. Several features are available such as Team Next match, Team News, Team Schedules, Team Squad and Players Detail.
- Developed using Python, Node.js, JSON, JavaScript, Firebase, AWS.

MESSAGES SCHEDULER WEB APP - HACK COC 2018   Jan. 2018 to Jan. 2018
- Modern web application helps to send Facebook Messages to other people at the specific time. Users can input some basic information such as time for delivery, the date, to whom and then a message. Required FB account to maintaining the security and collecting the friends' list.
- Developed by Facebook's API, Python, Flask, HTML, CSS, jQuery, Javascript.

SCHEDULE GENERATOR - HACK GSU 2018   March 2018 to March 2018
- Schedule Generator helps students to find their best classes schedule for the upcoming semesters. The application applied algorithms to analyzes the PDF spear-sheet file, keeps track of all the classes students already taken and auto-generate new schedule base on their major prerequisite.
- Developed by Python, Flask, HTML, CSS.