Nicholas Paul Chaloult

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Education

August 2017 – May 2021 (Expected)

Georgia Institute of Technology, *Atlanta, GA*.
- Candidate for Bachelor of Science in Computer Science
- Threads: Intelligence, Info & Internetworks
- GPA: 3.90/4.00
  - Major-specific GPA: 4.00/4.00

Experience

May 2019 – Present

Software Engineering Intern, *DataScan*, Alpharetta, GA.
- Established pattern for new REST API endpoints that perform lightweight existence/authorization checks for subresources
- Helped move descriptions that clients customize from Oracle to an in-memory cache as a primary means of access
- Discovered and addressed multiple situations where, when searching by search criteria, particular criteria could not be omitted

January 2018 – Present

Rise Up Undergraduate Assistant, *College of Computing, Georgia Institute of Technology*, Atlanta, GA.
- Lead weekly webinars and monthly in-person sessions, explaining and demonstrating fundamental computer science concepts to Georgia high school students
- Organized and ran the 2018 and 2019 AP Bowl, during which over 300 Georgia high school students took a mock AP Computer Science exam

Personal Projects

January 2019

Friendly Competition, *Web Application*.
Compares a League of Legends player's recent in-game performance with that of their friends.
- Manages multiple, asynchronous calls to the Riot Games REST API, then aggregates and computes comparative statistics
- Express back-end exposes one endpoint for React front-end to consume

Ongoing

Medicine Cabinet, *iOS Application*.
Keeps track of what medications the user is taking, and informs them when they may have another dose of any particular medication.
- Uses Core Data to persistently store medicine descriptions and dosage information
- Sets background timers with Grand Central Dispatch, and notifies user when a timer expires with a local notification

Skills and Attributes

Languages
Java, Python, JavaScript, Go, C, HTML, CSS, SQL

Frameworks and Libraries
React, Spring, Express

Tools
Git, Docker, Markdown, LaTeX, Adobe Photoshop CC

Relevant Coursework
Data Structures and Algorithms, Intro to Artificial Intelligence, Game AI, Intro to Information Security, Analysis of Algorithms, Object-Oriented Design, Object-Oriented Programming, Operating Systems and Networks, Computer Organization, Intro to Database Systems