

Nicholas Worthington

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EDUCATION

Georgia Institute of Technology, College of Computing
Bachelor of Science in Computer Science

Atlanta, Georgia
May 2020

- Threads: People and Intelligence

GPA: 3.73

EXPERIENCE

LexisNexis Risk Solutions

Alpharetta, Georgia

Software Engineer Intern

May 2018 – August 2018

- Worked in Quality Assurance Technology on the Rules Framework platform for communication with Insurance Agencies
- Added CI pipeline to Rules Framework to automatically run test cases and mark pipeline pass/fail based on result
- Scripted acceptance tests for a SOAP web service using Cucumber-JVM and Karate, verifying correct format of XML and JSON requests and responses
- Collected and displayed time-series data on the test reports using Elasticsearch, Kibana and Timelion

Georgia Tech College of Computing

Atlanta, Georgia

Undergraduate Teaching Assistant (TA) – CS 1332 Data Structures and Algorithms

January 2018 – Present

- Taught weekly recitations to a 50-student class and held office hours for the data structures and algorithms course
- Graded and provided feedback on Java homework assignments and exams
- Wrote comprehensive JUnit tests to assess homework correctness
- Selected to one of 11 open TA positions from a pool of over 100 applicants

PROJECTS

Fil(Twit)ter (1-person project)

June 2018

- Web application for showing statistics about the user's most popular tweets
- Allows the user to sort and filter the tweets by number of likes, retweets, and date
- Implemented using Node.js, Socket.io and Twitter API

Speed Typing Game (1-person project)

April 2018

- Tool developed in p5.js for increasing typing speed via a 60-second typing test
- Displays statistics about the user's typing speed upon completion: words per minute, accuracy, total correct words

Classic Snake Game (CS 2110 1-person project)

March 2018

- Implemented the classic Snake video game in C as part of a class project, playable on the Gameboy Advance Simulator

NYC Rat-Tracking Application (5-person team)

Fall 2017

- Employed GRASP and SOLID design principles to create UML sequence, class, and robustness diagrams
- Composed a 4000-word User Interface Evaluation and Cognitive Walkthrough which revealed more than 15 areas in which the UI needed improvement

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Java, Python, JavaScript, C, HTML/CSS

OTHERS

Git, Node.js, Socket.io, p5.js, IntelliJ, Android Studio, jQuery, Cucumber for Java

LEADERSHIP / INVOLVEMENTS

Georgia Tech FASET Orientation

May 2018 – September 2018

- Served as a FASET Orientation leader for incoming students
- Facilitated Tech After Dark, a discussion with incoming students about adjusting to college life at Georgia Tech

Kappa Sigma Fraternity

September 2017 - Present

Rush Chairman (VP of Recruitment)

- Planned and coordinated all things related to new member recruitment for the Spring and Fall 2018 semesters
- Recruited largest Spring pledge class (10 new members) since 2013 despite lower number of students signed up for rush

For The Kids (FTK) at Georgia Tech – Recruitment Committee

September 2017 - Present

Georgia Tech Freshman Activities Board (FAB)

August 2016 – July 2017