

Nicholas Worthington

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EDUCATION

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

Atlanta, Georgia

May 2020

- Concentrations / Threads: Intelligence & Info Internetworks

GPA: 3.78

EXPERIENCE

Bank of America Merrill Lynch (New York, NY) – Technology Summer Analyst

June – August 2019

- Contributed to a client facing iOS application for financial research and capital market information
- Developed module for research teams to engage clients through dynamic in-app polls and surveys
- Leveraged CocoaPods for dependency management and MuleSoft APIs for creating & accessing data endpoints
- Applied object-oriented / MVC design patterns in Swift & took feature into production environment

LexisNexis Risk Solutions (Alpharetta, GA) – Software Engineer Intern

May – August 2018

- Worked on the Rules Framework platform, a SOAP web-service that handles 2 million daily orders
- Developed acceptance tests using Java, Cucumber, and Karate, parsing requests / responses in JSON, XML
- Automated the acceptance tests to run using GitLab Continuous Integration (CI)

GT College of Computing (Atlanta, GA) – CS 1332 Teacher's Assistant

January 2018 – Present

- One of 11 students selected from over 100 applicants for the **Data Structures and Algorithms in Java** course
- Taught weekly recitations to 50 students, held office hours, and graded homework assignments and exams
- Contributed to auto-grading software built in React, Redux, Electron, and Java

PROJECTS

Talli (React, Node.js, Socket.io, Firebase) – 5-person project

September 2018 – June 2019

- Web application (**tallivote.com**) for hosting QR-code based audience voting at poster sessions & similar events
- Led the development of Node.js server that populated and analyzed a Google Sheet with voting results
- Increased voter participation at IPDPS conference (400+ attendees) by 50%

MLB Games Extension (React, MLB stats API) – 1-person project

May 2019

- MLB scoreboard popup window in the browser – an extension published to the Google Chrome web store
- Updates game information like scores, innings, and baserunners in real-time

Atlanta Beltline Application (Python/Flask, SQL, HTML) – 4-person project

April 2019

- Web application for storing and tracking information about Atlanta Beltline sites, events, and employees
- Created 35+ dynamic screens with HTML/Bootstrap and built routing framework
- Used Python to manage data flow between an SQL database and front-end

Rush Chair Assistant (React, Node.js, MongoDB) – 1-person project

August 2018

- Web application developed for use alongside the Kappa Sigma formal recruitment period
- Tracked information and recruitment status of all attendees, leading to a more efficient recruitment cycle

TECHNICAL SKILLS

Programming Languages

Java, JavaScript, Python, Swift, C, HTML/CSS

Technologies

React, Node.js, Git, Flask, Socket.io, Express, SQL, Bootstrap, Xcode, UIKit, IntelliJ, Cucumber for Java

LEADERSHIP / INVOLVEMENTS

FASET (Georgia Tech Orientation) Leader

March – September 2018

- Organized, planned, and executed orientation activities for 4,500 incoming students and their families
- Spent over 200 hours educating students & families about academics, campus safety & resources, extra curriculars, etc.

Kappa Sigma Fraternity - VP of Recruitment

September 2017 - 2018

- Planned and coordinated all things related to new member recruitment, led a 25-man committee
- Acquired 28 new members through weekly recruitment events and outreach to incoming students

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

September 2017 – Present

- Recruited students to attend Dance Marathon philanthropy event, exceeding attendance goal of 1000 students
- Individually raised more than \$2500 for donation to Children's Miracle Network Hospitals