

# SANJAY JOHN

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## OBJECTIVE

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Bachelor of Science in Computer Science candidate with a passionate self-drive, strong work ethic, and effective organizational skills. Seeking a full-time software developer role after graduation.

## EDUCATION

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**GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing**

**Atlanta, Georgia**

**Bachelor of Science in Computer Science (May 2020 Graduation)**

**GPA: 3.68**

- **Concentrations:** Info Internetworks & Artificial Intelligence **Major GPA: 4.0**
- **Honors:** GT Honors Program (Fall 2016 – Present), Faculty Honors (Fall 2017, Spring 2018, Fall 2018, Spring 2019)
- **Coursework:** Object Oriented Programming (A) Data Structures and Algorithms (A), Artificial Intelligence (A), Perception and Robotics (A) Computer Systems and Networks (A), Objects and Design (A), Relational Databases (A)

## EXPERIENCE

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**United Parcel Service (UPS)**

**Atlanta, Georgia**

**Software Development Intern**

*Summer 2019*

*Provides Solutions for Logistics*

- Developed multithreaded Java scripts along with a single shell script to extract data of over eighty million records on Linux Redhat Distribution Server; decreased time of full extract from two working days to under eight hours
- Created a personal assistant Chatbot using Microsoft Azure and .NET framework for employees which utilizes Natural Language processing and Microsoft QnA Maker
- Used Microsoft SQL Server and Power BI to monitor the transfer of one million “golden contact” records from FUSE/SQL Server Integration Services to Salesforce
- Created a solution implementing Salesforce Event Monitoring to track user usage and solved a yearlong issue of extracting data without exceeding the data extraction limit

**QASymphony**

**Atlanta, Georgia**

**Customer Success Engineer Intern**

*Summer 2018*

*Provides Solutions for Quality Assurance Testing*

- Developed four NodeJS parsers for automating testing with Selenium, Junit, Jmeter, and NUnit Framework Test Results
- Created an automation workflow for testing, which integrates CI Tools including Jenkins, Bamboo, and Team City, with GitHub, Slack and qTest Manager through the use of webhooks and JavaScript
- Developed shell and Python scripts for automated testing that integrates GitHub functionalities with script parameters
- Presented above solutions and advised customers on optimizing their development workflow with calls and onsite visits

**Core Security**

**Roswell, Georgia**

**Internal Applications Intern**

*Summer 2017*

*Provides cyber security products and solutions for enterprises*

- Provided Support as a Salesforce Administrator responding to internal tickets
- Decreased Accounts by 5% and Contacts by 15% in company’s Salesforce system by leading a data cleanup project

## PROJECTS & LEADERSHIP

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**Georgia Tech Vertical Integrated Program**

**Atlanta, Georgia**

**Configurable Computing and Embedded Systems - Team Lead**

*Spring 2018- May 2019*

- Worked with NASA on an embedded stereo vision and machine learning image classification interface for NASA’s CubeSat
- Implemented camera readings, pixel buffer data storage, & neural net classification with PYNQ-Z1 FPGA Boards in Vivado

**Student Government Association (SGA) IT Board Member**

**Atlanta, Georgia**

**JacketPages Website: [jacketpages.gatech.edu](http://jacketpages.gatech.edu)**

*Fall 2018-May 2019*

- Created a webpage to facilitate the SGA bill lifecycle and funding requests based on organization membership
- Worked full-stack using NodeJS for Backend, React for Frontend, and SQL for Database Management

## SKILLS & INTERESTS

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**Programming Languages:** Java, Python, Swift, C, SQL, HTML, CSS

**Technologies:** NodeJS, Git, Flask, PyTorch, Android Studio, Xcode, Salesforce

**Concepts:** Agile Development, Behavior Driven Development, Continuous Integration

**Awards:** Eagle Scout, Elaine Bryan Foundation: Community Service Award 2015

**Volunteer:** Atlanta Mission Food Service, Elaine Bryan Foundation