Ishan Arya

| 324930 Georgia Tech Station | U.S. Citizen | (732) 310-9043 |
| Atlanta, GA 30332-1400 | ishanarya.com | iarya@gatech.edu |

Objective

To obtain a summer 2019 internship as a software engineer that will enhance my knowledge of backend services.

Education

Georgia Institute of Technology, Atlanta – N/A GPA   August 2018 - May 2022

Bachelor of Science in Computer Science

- Relevant Courses: Data Structures & Algorithms, Linear Algebra w/ Multivector Spaces

Edison High School, Edison – 4.0 GPA   September 2014 - June 2018

Skills

- Familiar Programming Languages: Java, JavaScript, HTML/CSS, Kotlin, Python, and Bash
- Experience with Node, Express, jQuery, IntelliJ, Git, Electron, Vim, Heroku, Selenium, Android, Chrome Extensions, SQLite, MongoDB, JavaFX, and Arduino

Work/Extracurricular Experience

TOLL Group

Human Resources Technology Intern   July 2018 - August 2018

- Helped the HR department with backlogged work by filing and auditing the data of over 500 employees
- Programmed numerous scripts with JavaScript and Python to facilitate and optimize repetitive tasks
- Troubleshooted technology issues for employees around the office

Robotics (FIRST Tech Challenge)

Captain/Lead Programmer   September 2014 – June 2018

- Competed in an international competition by building and programming a robot
- Programmed the robot for automated routines based on sensors and manual routines based on driver input
- Organized meetings, fundraising events, and community outreach activities

Mathnasium

Math Tutor   August 2017 – October 2017

- Taught arithmetic, geometry, trigonometry, and pre-calculus to students from kindergarten to 11th grade
- Improved communication skills to facilitate a better understanding of various subjects with students of all ages

Side Programming Projects

Beacon (Android, Java, Kotlin)

Home Depot Hackathon - won 1st place   September 2018

- Led a team of 5 in creating an indoor navigation app using Bluetooth beacons for department stores
- Aggregated and normalized data from beacons and helped users navigate pre-generated maps
- Became versed in Android mobile development and the application lifecycle

Kami Desktop Client (NodeJS and Electron)

Personal project for fun   December 2017 - PRESENT

- Created an open source desktop app to watch anime (Japanese cartoons) conveniently
- Mastered using branches in git to organize development and enable collaborators to contribute
- Supported a community of users, answered bug reports, and implemented feature requests

IsThatGuyInMyClass (HTML/CSS, NodeJS, Java, and Selenium)

Personal project to facilitate a repetitive task   August 2017 - June 2018

- Led a team of 3 in creating a website to show students who would be in their classes for the coming semester
- Learned about securing login with JSON tokens, storing data with MongoDB, and scraping info using Selenium
- Successfully received and supported over 400 users (more than 20% of the school population)

eLaser (HTML/CSS, NodeJS, and Chrome Extensions)

HackBCA - won 4 category prizes   April 2018

- Created a Chrome extension that uses a phone as a presentation tool (to operate as a laser/slide switcher)
- Used sockets to transfer a stream of data from the phone to the client, enabling the Q&A and laser pointer