

Ishan Arya

7007 Hana Rd.
Edison, NJ 08817

<https://github.com/ishanarya>
<https://github.com/cindrinc/>

(732) 310-9043
ishan.arya130@gmail.com

Objective

To obtain an internship as a software engineer that will enhance and further my knowledge in computer science.

Skills

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

Education

Edison High School, Edison – 4.0 GPA

June 2018

- Relevant Courses: AP Computer Science (5), AP Calculus I (5) & II, AP Statistics

Georgia Institute of Technology, Atlanta

August 2018 - June 2022

Bachelor of Science in CS, College of Computing

Work/Extracurricular Experience

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
- Fostered professional bonds with students and coworkers alike
- Improved communication skills to facilitate a better understanding of various subjects with students of all ages

Liberty Science Center

Teen Docent

August 2016 – October 2017

- Educated visitors of all ages on complex science topics (technology, biology, physics, chemistry, etc.)
- Connected with leaders in numerous STEM fields and learned about their research and work
- Led and managed large groups of people in an educational environment

Side Programming Projects

Kami Desktop Client (NodeJS and Electron)

- Created an open source desktop app to watch anime (Japanese cartoons) conveniently
- Learned to use 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)

- 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 my school)

eLaser (HTML/CSS, NodeJS, and Chrome)

- Created a Chrome extension that uses a phone as a presentation tool (to operate as a laser/slide switcher)
- Implemented a live Q&A feature to allow for interactive presentations
- Uses sockets to transfer a stream of data from the phone to the client, enabling the Q&A and laser pointer

Awards

- Won “best beginner prize” at HackRU for making a medical game (<http://medguard.github.io>)
- Won 4 category prizes at HackBCA for making “eLaser” (<https://github.com/Cindrinc/eLaser>)
- Won “best game” prize at Codeday for making a 2D platformer