

# Shanmukha Srinivasan

44 Little John Drive Billerica, MA 01821 | Available: June - December 2021

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## Education

### Northeastern University

Boston, MA

Khoury College of  
Computer Sciences

*Candidate for Bachelor of  
Science in*

*Computer Science &  
Cognitive Psychology*

GPA: 3.93 / 4.0

Dean's List

September 2018 - Present

Expected May 2022

## Relevant Courses

Computer Systems,  
Networks & Distributed  
Systems, Systems  
Security, Object-Oriented  
Design, Database Design

## Computer Skills

### Languages

Java, Python, Javascript,  
SQL, HTML, CSS, C,  
AMD64 Assembly

### Libraries, Frameworks,

### Tools

Git, ReactJS, MySQL,  
Bash, Vim, REST API, JWT,  
Flask, Java Spring Boot,  
AngularJS, Selenium,  
MongoDB

## Interests

Travel, Fantasy Football,  
Guitar, Music

## Work Experience

### Veracode, Burlington, MA

*Software Engineer Co-Op - Dynamic Analysis Team*

*July 2020 - December 2020*

- Developed and shipped multiple customer valuable features for the Dynamic Analysis product such as custom host to IP resolution, extended analysis search capabilities, ad-hoc scheduling, and flexible scheduling
- Served as a Software Engineer, working on AngularJS front-end and Java back-end microservices, primarily for the Dynamic Analysis team
- Worked with various tools, frequently picking up skills on the job to serve the needs of the company, including but not limited to, AngularJS, Angular 8, Java Spring Boot, Selenium, and various Python libraries to develop scripts for Product Security & Gitlab requirements

### Northeastern University, Boston, MA

*Tutor for Fundamentals of Computer Science 1 & 2*

*September 2019 - Present*

- Instruct students in functional (Racket) and object-oriented languages (Java)
- Conduct office hours to provide assistance to students in understanding course material & assignments
- Provide assistance to instructors by grading weekly assignments

### Staples (Corporate Headquarters), Framingham, MA

*Digital Solutions Intern - Home Page Team*

*May 2019 - August 2019*

- Served as developer on Staples.com home page Agile team, assisting in front-end React, Javascript, and HTML
- Played an integral role in the ground-up development of the product comparison tool found on staples.com
- Designed comparison table and updated back-end code to serve compare function utility
- Strengthened QA by utilizing Jest & Enzyme to deliver some of the first unit tests for the new Staples SKU page

## Projects

### srigmadeit.com

*December 2020 - Present*

- Developed a Web Application to host my brother's amateur photography/videography work
- Leveraged tools such as ReactJS (front end), Python (REST API), MongoDB, Google Cloud Run (REST API), Docker, S3 API for Cloud Object Storage (photo & video storage), and Cloudflare Edge Workers (Reverse Proxy)

### ScrutinyFB

*October 2019 - Present*

- Developed an iOS application to provide a simple, uncluttered solution to viewing and analyzing NFL statistics, including comparing player statistics side by side, viewing player statistics splits, etc.
- Designed and implemented Data Retrieval (Web scraping - Python: Requests, LXML, Pandas), Persistence (REST API - Python: Flask), and Data (MySQL) layers for application
- Collaborated with a friend who assisted in front-end design and development

*References Available Upon Request*