Shanmukha Srinivasan

44 Little John Drive Billerica, MA 01821 | Available: July - 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
Algorithms and Data

Computer Skills

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

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

Interests

Travel
Fantasy Football
Guitar
Music

Technical Experience

Veracode, Burlington, MA

Software Engineer Co-Op - Dynamic Analysis Team   *July 2020 - December 2020*

○ Contributed to codebase for Veracode Dynamic Analysis product
○ Developed and deployed multiple features such as configurable hostname to IP resolutions for individual analyses, ad-hoc analysis scan scheduling, extended analysis lookup capabilities, and flexible analysis scheduling
○ Wrote Python scripts to simplify a Product Security workflow and automate Gitlab pipeline updates
○ Contributed to Java Selenium QA codebase to expedite release of features I developed
○ Gained experience in Java Spring, AngularJS, and Angular 8 for end-to-end feature development and Selenium with a Page-Object Model design pattern for QA

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

Relevant Experience

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

Projects

srigmadeit.com   *December 2020 - Present*

○ Developed a Web Application to host my brother's 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 - January 2020*

○ 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 co-developer who assisted in front-end design and development