

Shanmukha Srinivasan

44 Little John Drive Billerica, MA 01821 | Available for Full Time positions: June 2022

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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: 3.95 / 4.0

Dean's List

September 2018 - Present

Expected graduation -
May 2022

Relevant Courses

Computer Systems

Networks & Distributed
Systems

Systems Security

Object-Oriented Design

Database Design

Algorithms and Data

Technical Skills

Languages

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

Frameworks & Tools

Git, ReactJS, MySQL, Bash,
Vim, REST API, JWT, Flask,
Java Spring Boot, Ruby on
Rails, GraphQL, AngularJS,
Selenium, MongoDB, GDB,
PostgreSQL, Docker, AWS,
Google Cloud

Interests

Travel

Fantasy Football

Guitar

Music

Technical Experience

Notarize, Boston, MA

Software Engineer Co-Op - Platform Engineering Team

July 2021 - December 2021

- Served as a Ruby on Rails back-end engineer on the Notarize Platform Team
- Lead efforts to strengthen application integrity by normalizing and validating data
- Developed SSO integration between Notarize and ZenDesk knowledge base
- Created a mock SAML IdP provider using Node.js and Redis to strengthen e2e

Veracode, Burlington, MA

Software Engineer Co-Op - Dynamic Analysis Team

July 2020 - December 2020

- Served as a full-stack engineer on the Veracode Dynamic Analysis team
- 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 automate Product Security workflow and Gitlab configurations
- Contributed to Java Selenium e2e codebase to expedite release of features I developed

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
- 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

TA for CS1210, CS2500, CS2510

September 2019 - Present

- Instructed students in functional (Racket) and object-oriented languages (Java)
- Assisted in course facilitation by conducting office hours and grading assignments

Projects

Ruumzy - Lead Developer/Co-Founder - ruumzy.com

May 2021 - Present

- Developed an iOS and Android mobile application to simplify apartment subletting for college students
- Received \$5000 in funding through Northeastern University Khoury College Jelly Fund
- Designed and developed application using Python - Flask, React Native, Socket.io - WebSockets, Docker, Redis, AWS (RDS, LightSail VMs, S3, SNS, SES, CloudFront, etc.)
- Collaborated with a co-founder who assisted in front-end design and development

srigmadeit.com

December 2020 - Present

- Developed a Web Application to host my brother's photography/videography work
- Designed and developed application using ReactJS, Python - Flask, MongoDB, Google Cloud Run, Docker, S3 API, and Cloudflare Edge Workers

ScrutinyFB

October 2019 - January 2020

- Developed an iOS application to provide a simple, uncluttered solution to viewing, manipulating, and analyzing NFL statistics.