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, React, MySQL, Bash, Vim, REST API, JWT, Flask, Java Spring Boot, Ruby on Rails, GraphQL, Angular, 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
  ○ Strengthened application integrity by normalizing and validating over 250,000 records
  ○ Developed SSO integration between Notarize and ZenDesk knowledge base
  ○ Created a mock SAML identity 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 Java & Angular 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 a React front-end engineer on the Staples.com Home Page team
  ○ Played an integral role in the ground-up development of the product comparison tool
  ○ Leveraged Jest & Enzyme to deliver some of the first unit tests for the new 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*
  ○ Created a web application to host my brother's photography/videography work
  ○ Designed and developed application using React, 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.
  ○ Designed and developed application using Python - Flask, React Native, MySQL, and Heroku