

# Shreshth Kaushik

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## EDUCATION

**Georgia State University – Honors College, Atlanta, GA**

Expected Graduation: December 2022

- **Bachelor of Science in Computer Science, President's List (Spring 2020)**
- **C.S. GPA: 4.08/4.30**

### Relevant Coursework

- Data Structures
- Software Engineering
- Design and Analysis: Algorithms
- Web Programming
- Operating Systems
- Computer Architecture

## PROJECTS

### Spotify Clone

October 2021

- Developed a Spotify web application using Flask where users can create an account and save top ten songs of their favorite artists
- Used React to handle client-side logic by adding multiple artist IDs in a state variable before sending a POST request to the server
- Used Spotify's web API to fetch data for artists and Genius API to get lyrics for songs
- Configured a PostgreSQL database to store user credentials and artist URL associated with them

### Web Blog

July 2021

- Worked in a group and developed a blog website using Flask where users can create an account and post blogs
- Was responsible for configuring database, registration forms, login functionality and hosting
- Hosted on Amazon EC2 instance using Nginx and Gunicorn as web servers
- Made the website fault tolerant using Auto-Scaling groups and Application Load Balancers

### GUI Rock, Paper, Scissors Game

July 2020

- Engineered a fully clickable Rock, Paper, Scissors GUI game using the Tkinter library
- Created a computer bot to play against players by taking into consideration prior probabilities of outcomes

## EXPERIENCE

### Undergraduate Teaching Assistant – Georgia State University

August 2020- Present

- Graded homework assignments and tests for courses entitled Theoretical Foundations of Computer Science, Principles of Computer Science
- Successfully analyzed and debugged code (Python and Java) written by different students and provided feedback
- Coordinated and prepared the students for quizzes and exams

### Freelance Tutor -- Teacheron

January 2019- 2020

- Worked closely with multiple Computer Science students to tutor in Introduction to programming, Data Structures and Algorithms
- Assisted students with Computer Science related homework and projects.

## EXTRACURRICULAR AND AWARDS

**HACKGT Fall 2019 Runner-up:** Received mention for best concept by PDI.

**Outstanding tutor mention, 2018:** Received Outstanding Freelance Computer Science Tutoring mention by Clever Programmer CEO

**Volunteer, 2018:** Donated clothes and taught elementary algebra at School of Blind Students in New Delhi, India

**Soccer Tournament Winner, 2016:** Delhi FC KARWA-SAIL Tournament (25 Teams)

## CERTIFICATION/SKILLS

### Programming Languages

- Python (Proficient), Java (Proficient), JavaScript, C, HTML, CSS

### Frameworks and libraries

- Flask, Bootstrap, Tkinter, WTForms, React (Currently learning)

### Software Tools

- Git, GitHub, Terraform, CloudFormation (Currently learning)

### Certifications

- [AWS Certified Solutions Architect – Associate \(July 2021\)](#)
- [AWS Certified Cloud Practitioner \(February 2021\)](#)
- LinkedIn JavaScript Essential Training (July 2020)