

# Samarth Kishor

804-300-6897 · sk4gz@virginia.edu · github.com/samarthkishor

## EDUCATION

---

### University of Virginia

*B.A. Computer Science, Technology Entrepreneurship Minor*

Expected: May 2021

*Charlottesville, VA*

- **Cumulative GPA:** 3.67
- **Relevant Coursework:** Data Structures, Algorithms, Data Visualization, Linear Algebra
- **Organizations:** University Salsa Club, Hackers@UVA, ACM

## EXPERIENCE

---

### University of Virginia

*Undergraduate Teaching Assistant for CS 2102 (Discrete Mathematics)*

Fall 2018–Current

*Charlottesville, VA*

- Helped students improve their understanding of proof techniques and propositional logic
- Suggested improvements to the course which the professor implemented
- Graded assignments and exams

### Impact Makers Inc.

*Junior Security Associate*

June 2018–August 2018

*Richmond, VA*

- Produced internal IT security documentation and policies for the company's Azure intranet
- Refactored an internal AWS web application written with the Express.js framework and set up an automated build and test pipeline that boosted developer productivity and improved code quality
- Implemented aesthetic and functional improvements to the company's WordPress website

### Impact Makers Inc.

*Software Engineering Intern*

June 2017–August 2017

*Richmond, VA*

- Worked with a small team in a fast-paced Agile environment
- Set up an automated testing framework for a React web app in production using Nightmare.js, Mocha.js, and Gulp that increased the team's productivity by enabling a continuous integration (CI) environment

## PROJECTS

---

### TriTag

<https://devpost.com/software/tritag>

September 2018

*MedHacks*

- Group won a Top Ten in Category Award out of hundreds of participants
- Created a modern, digital approach to Triage involving an iPad app and an Arduino-based identifier.

### Reddit Short Story to PDF

<https://devpost.com/software/reddit-short-story-to-pdf>

December 2017

*MLH Local Hack Day*

- Group won the Best Overall Award
- Wrote a command line program that gets the top responses from the `r/WritingPrompts` subreddit using the Reddit API and processes them into a PDF using Python and L<sup>A</sup>T<sub>E</sub>X.

### Instaloud

<https://github.com/samarthkishor/Instaloud>

Summer 2018

*Personal Project*

- Wrote a program in the Hy programming language (a dialect of Lisp that's embedded in Python) that converts Instapaper bookmarks into audio files
- Used the Instapaper API to get the bookmark data and leveraged the Google Cloud Text to Speech API to process the text

## SKILLS

---

### Programming Languages

Python, Javascript (Node.js), C++, Java, Emacs Lisp

### Tools & Technologies

Vim, Emacs, Git, Shell Scripting, React, GNU/Linux, UNIX

### Human Languages

English, Spanish, Hindi, Urdu, Japanese

### Leadership Experience

Choreographed a Rueda dance for the Fall 2018 Salsa Showcase  
Member of the Hackers@UVA committee that organizes UVA's hackathon