

SAMARTH KISHOR

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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^AT_EX.

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