

# Samarth Kishor

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## EDUCATION

### University of Virginia

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

Expected: May 2021

*Charlottesville, VA*

- **Cumulative GPA:** 3.7 Dean's List
- **Relevant Coursework:** Data Structures, Algorithms, Programming Languages, Computer Architecture, Theory of Computation, Discrete Mathematics, Data Visualization, Linear Algebra

## EXPERIENCE

### University of Virginia

*Undergraduate Teaching Assistant*

Fall 2018 & Fall 2019

*Charlottesville, VA*

- Worked as a teaching assistant for Discrete Mathematics (Fall 2018) and Theory of Computation (Fall 2019).
- Improved students' understanding of proof techniques, computation, and propositional logic in office hours.

### WizeHire Inc.

*Software Engineering Intern*

May 2019 – August 2019

*Remote*

- Streamlined the billing management experience for hundreds of customers by building a user interface with React, Redux, and Django API endpoints.
- Improved third-party workflows by building a server-side engine in Django to automatically match jobs using regular expressions, saving the company's support team 10+ hours a week in manually matching this data.
- Increased test coverage by 10% using Selenium for test automation in the Jenkins CI/CD pipeline.

### Capital One

*Capital One Software Engineering Summit Attendee*

May 2019

*Richmond, VA*

- Selected after a rigorous application process to attend a week long summit for undergraduate students.
- Learned valuable technologies including Machine Learning, React, iOS/Android app development, Arduino, and AWS in seminars and implemented the React front-end of a full-stack ride sharing web application at the summit hackathon.

### Impact Makers Inc.

*Software Engineering Intern*

Summer 2017 & Summer 2018

*Richmond, VA*

- Increased test coverage by 30% and enabled a CI pipeline by implementing an automated testing framework with Selenium for a production React web application hosted on AWS that was used by hundreds of clients in the healthcare industry.
- Increased documentation by 60% by producing internal IT security policies for the company's Microsoft Azure intranet.
- Gained valuable experience with Agile development and cloud technologies.

## 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.

### Instaloud

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

Summer 2018

*Personal Project*

- Wrote a command line application in the Hy programming language that uses the Google Cloud Text to Speech API to convert Instapaper bookmarks into audio files.

## LEADERSHIP

### HooHacks

*External Relations Committee Co-Chair (Elected Position)*

Fall 2018 – Current

*Charlottesville, VA*

- Worked in the Hacker Experience Committee to organize UVA's annual hackathon attended by 600+ students.
- Coordinated both the Virtual Reality and Salsa Dancing workshops for 50+ students during the hackathon.

### University Salsa Club

Fall 2017 – Current

- Choreographed a Rueda dance for the Fall 2018 Salsa Showcase.
- Performed in the Fall 2017, Fall 2018, and Spring 2019 Salsa Showcase.

## SKILLS

### Programming Languages

*Proficient:* Python, JavaScript, Java    *Familiar:* C++, Standard ML, Common Lisp

### Tools & Technologies

Node.js, React, Django, MySQL, Selenium, Jenkins, Vim, Emacs, Git, GNU/Linux

### Human Languages

*Fluent:* English    *Proficient:* Spanish, Hindi, Urdu    *Familiar:* Japanese