

# Nick Figgins

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## EDUCATION

### Bachelor of Arts in Computer Science; Bachelor of Arts in Mathematics

August 2017 - May 2021

*University of Virginia*, Charlottesville, VA GPA: 3.61/4.0

- CS GPA: 3.71; Math GPA: 3.45

*L'Institut d'Etudes Politiques de Lyon*, Lyon, France GPA: 3.85/4.0

June 2019 - July 2019

- Studied French language and conversational skills in a six week study abroad program.

## SKILLS

**Languages:** Python, Java, JavaScript, C++, HTML/CSS, SQL

**Libraries/Frameworks:** React.js, Node.js, Flask, Django

**Technologies:** Splunk, ServiceNow, Heroku

**Hackathons:** RamHacks 2019 (code on Git), HealthHacks 2019 (code on Git)

## RELEVANT EXPERIENCE

### Software Engineer Intern

June 2020 – August 2020

*Cress Health*, Providence, RI (Remote)

- Developed and designed solutions for the database architecture to provide a scalable solution for the front-end.
- Implemented API methods (Node.js) and wrote insightful test cases using Mocha to evaluate functionality.

### Technology Intern (Cancelled due to COVID-19)

June 2020 - August 2020

*CarMax*, Richmond, VA

### Information Security Intern

August 2019 – March 2020

*University of Virginia Security Operations Center*, Charlottesville, VA

- Monitored and triaged 500+ security alerts received from faculty & students with ServiceNow to assess potential risks.
- Queried Splunk database and utilized NetAdmin to identify compromised systems and security threats.
- Optimized and automated many security processes in daily use to speed up incident response time and reduce operational costs.

### Web Development Intern

August 2018 - May 2019

*WNRN Radio*, Charlottesville, VA

- Utilized HTML, CSS, and JavaScript to improve website structure and responsiveness for users.
- Created widgets for advertisements, image presentation, and article presentation for the use of the producers.
- Redesigned web scripts which connect with Spintron, providing a live feed of the songs playing on the station.

## PROFESSIONAL EXPERIENCE

### Computer Science Teaching Assistant

August 2020 – Present

*University of Virginia Computer Science Department*, Charlottesville, VA

- Supported 250+ students enrolled in CS 3240 on topics relating to agile development, software testing, and Django.
- Led weekly office hours and graded homework submissions to facilitate the learning process and class instruction.

### Coding Instructor

June 2020 – August 2020

*KidzToPros*, San Francisco, CA (Remote)

- Taught 50+ K-12 students in boot-camps focused on various programming concepts such as Java and object-oriented programming, system design with boolean logic, and game design.

### Council Member

August 2018 – May 2019

*Lambeth Residence Association Council*, Charlottesville, VA

- Brainstormed, designed, and organized events and social gatherings for 800+ residents with a team of 6 students.

## PROJECTS

### Spotipie.com

March 2020 – Present

*Developer*

- Dashboard to display Spotify user data and audio analysis charts. The application leverages the Spotify Web API for authentication and data collection for artists, albums, and tracks to provide insight about a user's listening habits.
- Stack: Flask, React.js, MySQL, Heroku

### Tuber

January 2020 – May 2020

*Developer and Testing Manager*

- Website built with Django that allows UVA students to request/engage in quick tutoring sessions with other students.
- Developed testing plans, utilized TravisCI to support continuous integration, and facilitated beta testing.