Nicholas 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; CS GPA: 3.71; Math GPA: 3.45
- Dean's List Recipient
- Studied abroad in Lyon, France at Lyon Sciences-Po (Summer 2019)

WORK EXPERIENCE

Software Engineer Intern May 2020 – Present
Cress Health, Providence, RI (Remote)
- Working on the backend services (Node.js), implementing chatbot, and researching microservice architecture changes/needs for the Callie mobile app.

Technology Intern (Cancelled due to COVID-19) Summer 2020
CarMax, Richmond, VA

Information Security Intern August 2019 – March 2020
University of Virginia - Security Operations Center, Charlottesville, VA
- Monitored and triaged security alerts received from faculty & students with a team of interns with ServiceNow.
- Queried Splunk database and utilized other tools such as NetAdmin to identify compromised systems and potential security threats.
- Worked closely with InfoSec operations analysts to improve and automate many security processes in daily use.

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.
- Redesigned web scripts which connect with Spinitron, providing a live feed of the songs playing on the station.

EXTRACURRICULAR

Coding Instructor May 2020 – Present
KidzToPros, Remote
- Teaching week-long boot camps of 10-12 middle school and high school students in topics such as Python, Machine Learning, and Game Design with Lua (C++ Scripting Language).
- Helping students develop skills with problem solving and thinking creatively.

Lambeth Residence Association Council August 2018 – May 2019
University of Virginia, Charlottesville, VA
- Worked with a team of six students to brainstorm, organize, and host events for an apartment complex of 800 students.

PROJECTS

Traduction Saine (HealthHacks 2019) November 2019
Developer, Richmond, VA
- Created a real-time text-to-speech/speech-to-text translator for doctor-patient communication and a PDF generator for the translated doctor's orders using Angular.js and GCP.

Tuber January 2020 – May 2020
Developer and Testing Manager, Charlottesville, VA
- Website built using the Django framework and an agile methodology.
- Allowed UVA students to request and engage in quick tutoring sessions with other students for small fares.
- Developed testing plans, utilized TravisCI to support continuous integration, and facilitated beta testing.

SKILLS

Languages: Python, Java, C++, JavaScript, XHTML/CSS, x86 Assembly
Libraries/Frameworks: React.js, Node.js, Flask, Django
Certifications: JP Morgan Virtual Experience, Google Digital Garage
Hackathons: RamHacks 2019 (code on Git), HealthHacks 2019 (code on Git)

Interests: Football (Redskins), jazz, hip-hop, making music, CS:GO