

Samuel Miller
8060 Glengarriff Rd
Clemmons, NC 27012
(336) 816-1322
samuelmi@live.unc.edu
www.spmillerccs.com

Education:

University of North Carolina at Chapel Hill, Chapel Hill, NC

Expected graduation in May 2022

- GPA: 3.468
- B.S. in Computer Science
- Relevant Coursework: Introduction to Programming, Introduction to Scientific Programming, Foundation of Programming, Data Structures, Computer Organization, Modern Web Programming, Models of Languages and Computation, and Algorithms and Analysis

National Honor Society

2016 – 2018

Eagle Scout

February 2018

- Developed and executed a comprehensive plan for developing a large section of land behind a local church
- Gained experience in organizing and leading a group of volunteers
- Recognized by President Barack Obama, President George Bush Jr, Governor Roy Cooper, and Congresswoman Virginia Foxx

Dean's List

2018 – 2019

The National Honor Society for Collegiate Scholars

August 2019 – Present

Experience:

Wake Forest Baptist Hospitals Center for Healthcare Innovation Internship

February 2021 – May 2021

- Digital Communications Dashboard (DComm App):
 - Designed and developed a web app that allow researchers to design, create, and execute programmable voice and messaging scripts without having to have any programming experience.
 - Created a dashboard for adding, importing from CSV, and filtering study participants.
 - Designed and created an encrypted relational database to house user information, participant information, study information, and custom scripts developed by the users.
- IVR Surveys using REDCap and Twilio
 - Wrote custom IVR scripts and configured a REDCap project for a multi-armed research study that will conduct a series of 14 surveys over automated phone calls.
 - Bypassed REDCap's native Twilio support to allow the execution of more advanced IVR scripts while also using AWS Polly for clearer text-to-speech support.

Kenan Flagler IT Service Desk Apprentice

August 2020 – Present

- Help troubleshoot IT related problems for students and faculty of the UNC Kenan Flagler Business School

Kenan Flagler Innovation Internships Program

February 2020 – August 2020

- Accepted into a competitive internship program sponsored by the UNC Kenan Flagler Business School

Harris Teeter Fresh Food Clerk

May 2019 – July 2020

- Gained experience in customer service, teamwork, and time management

Skills:

Programming

2010 – Present

- Have experience programming in C, C#, CSS, HTML, Java, JavaScript, Python, and TypeScript

Frameworks:

2020 – Present

- Angular, Bootstrap, Bulma, Entity Framework Core, Express, .NET, Node.js

Libraries:

2018 – Present

- Angular Bootstrap, Axios, jQuery, NumPy, RestSharp, Socket.IO

Technologies/Services:

2020 – Present

- Angular CLI, AWS Polly, Azure DevOps, Docker, GitHub, .NET CLI, Microsoft SQL Server, PowerShell, REDCap, SQL Server Management Studio, Twilio, VS Code