

# Sone Sharon

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[LinkedIn](#) | [Github](#)

Software Engineer | Computer Science New Graduate | Experienced Python Developer

## Education

**M.S. of Computer Science** | East Carolina University | Greenville, NC

Aug 2021 - May 2023

**B.S. of Computer Science** | Dixie State University | St. George, Utah

Jan 2017 - December 2020

*Minor in Mathematics*

GPA 3.66 | International Merit Scholarship Recipient

**B.S. of Engineering in Software Engineering** | University of Buea | Central Africa

June 2015 - June 2016

GPA 3.8 | Award Recipient for best Software Engineering Student in College of Technology

**Code School** | St. George, Utah

Concepts Covered: JavaScript, Databases, Web Frameworks, Web App development

## Skills

**Programming Languages** - Python, C++, C, Javascript, HTML, CSS, SQL, Kotlin, Swift

**Frameworks & Libraries** - NodeJS

**Databases & Tools** - MySQL, MongoDB, Git, Heroku, Docker

**Languages** - English, French

## Projects

**Quiz Application** | NodeJS, Python [[Code](#)]

- Built a web-app that enables an administrator to create quizzes which other users can access with a pin
- Back-end model uses python
- Used a Covid19 Api to include the live statistics about the virus

**Data Mining** | Python + Mathplotlib [[Paper](#)]

- Contributed an application for the 2020 Mathematical Contest in Modeling
- Over 7000 Teams participate with maximum of three people per team
- Utilized Python for data mining and to develop an efficient model for a soccer team to win a Championship based on the data from their previous matches and competition

## Experience

**Graduate Teaching/Research Assistant** | [East Carolina University](#)

Aug 2021 - Present

- Working on a ML model to predict flood in the Outer Banks, NC
- Working in a team of 3 under the supervision of a professor to publish a paper
- Grading assignments in Discrete Structure Undergraduate classes

**Software Engineer Intern** | [WeCare Insurance](#)

Sept - Dec 2020

- Developed and maintain insurance registration utilizing HTML and CSS form resulting in 2x improved usability
- Implemented database to capture sensitive information for over 100s of users
- Programmed enhancements including fields and additional features to enhance user experience
- Collaborated with a team of 2-3 engineers and team lead to deliver quality code

**Math Tutor / Teaching Assistant** | [Dixie State University](#)

Aug 2019 - Dec 2020

- Tutored Freshman to Senior level students for Calculus III course completion on various topics
- Communicated through phone and chat, providing support for 10-15 students on a daily basis
- Grade and provide feedback for 30-40 assignments and quizzes, weekly on topics for Algebra and Multivariable Calculus

**Administrative Student Assistant** | [Dixie State University](#)

May 2018- Sept 2019

- Completed financial statements, spreadsheets and bookkeeping in a timely manner utilizing Microsoft Excel
- Managed the office day-to-day operations, working closely with Assistant of Vice President of Student Affairs
- Conducted high volume of correspondence through email, phone calls and internal communication