Vanessa Shogreen

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| Phone: (336) 682-9209  v.shogreen@outlook.com | 160 Peace Haven Ct  Winston-Salem, NC 27106 |

Industrious, poly-skilled, computer science major and research assistant with background in object-oriented programming and graphic design. Proficient in multiple programming languages with a focus on mobile applications development.

# Education

**BS** Winston-Salem State University, Computer Science ant. Dec 2021

**AA** Forsyth Tech Community College, Humanities May 2018

# Honors and Awards

**SC20 HPC Hackathon, Viewer’s Choice Award** 2020

Project Title: COVID-19 Disease Transmission and Economic Correlation  
GitHub: <https://github.com/abdulmohammed3/Covid-19_Disease_Transmission_and_Economic_Impact>

**Grace Hopper Conference Scholarship Award** 2020

Achieved for outstanding entry application.

**Dean’s List Award** 2019

Achieved for outstanding academic performance.

# Research Experience

**Winston-Salem State University/Computer Science Dept** 2019 to present

**Position**, Student Research Assistant

* Android application programming, technical writing, graphic design.
* Programmed an application widget, wrote a technical manual and designed graphics for the Dysgu project: [http://dysgu.altl.org/#](http://dysgu.altl.org/)

# Work Experience

**Nationwide/ IT Dept** 2020

**Position**, IT Intern

* Application programming, test automation.
* Worked as part of a team using an agile framework.
* Programmed a chatbot, committed 800 code fixes, and ran test automation for a web application.

**Winston-Salem State University/Computer Science Dept** 2019 to present

**Position**, Student Research Assistant

* Android application programming, technical writing, graphic design.
* Programmed an application widget, wrote a technical manual and designed graphics for the Dysgu project: [http://dysgu.altl.org/#](http://dysgu.altl.org/)

# Professional Affiliations

Association for Computing Machinery, Member

# Languages

**English**: Native Language

**Spanish**: Intermediate Listener, Intermediate Speaker, Intermediate Reading and Writing

# Computer Skills

**Computer Science Curriculum**: Intro to Programming I & II, Data Structures, Operating Systems, Principles of Database Management, Intro to Computer Hardware, Computer Architecture, Intro to Computer Software, Advance Software Engineering, Intro to Information Security, UNIX Lab

**Programming Languages**: Java, Python, Ruby, HTML, CSS, JavaScript, UNIX, MIPS

**Applications**: GitHub, JIRA, Slack, RocketChat, Android Studio, VS Code, PyCharm, RubyMine, Selenium, IntelliJ, NetBeans, Affinity Designer, Affinity Photo, Microsoft Office 365, Google Workspace, Google Cloud, Google Colab, Jupyter Notebooks, Pandas, Anaconda

# Other

Interests: fine arts, graphic design, mobile application programming, video editing, HPC technologies

# References

**Muztaba Fuad, Ph. D.**

Professor of Computer Science

Winston-Salem State University

Office 3207

350 S Martin Luther King Jr Dr, Winston-Salem, NC 27101

Phone: 336-750-3325, Fax: 336-750-2499

Email: fuadmo@wssu.edu

**Caldwell, Rebecca, Ph. D.**

Winston-Salem State University

Associate Professor of Computer Science

Office 3203

350 S Martin Luther King Jr Dr, Winston-Salem, NC 27101

Phone: (336) 750-2493

Email: caldwellr@wssu.edu