

Nicholas D. Reed
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Education history

Clemson University of South Carolina: 2014-present

Clemson, South Carolina

Presently enrolled as a junior, seeking a Bachelor's of Science in the Computer Science field.

Wilson High School: 2010-2014

2601 Grandview Boulevard, West Lawn, PA 19609

Graduated from the STEM (Science, Technology, Engineering, and Math academy) with honors and a cumulative, weighted GPA of 3.8 in the year 2014.

Personal Achievements

Elected STEM Student of the year during my senior year.

Competed with the TSA (Technology Student Association) for three years – proceeded to win a cumulative 5 first place ribbons at the regional level, one first place at the state level for a biomedical essay and one third place at the state level for an extemporaneous speech.

Competed in the national conference for Extemporaneous Speech.

One of only seven Wilson students in the school's 85 year history achieve the status of "Commended Student" for the PSAT exam.

Passed SATs with a 1490 cumulative math and reading; 2100 math, reading and writing.

Passed ACTs with a 34; upon completion, tutored a close friend and helped raised their score by 4 points, enough to permit their entry to Grove City College.

Competed on Wilson's cross country team for 6 years, as well as the school's track team for 6 years.

Founding member of the Wilson Rifle Team, which saw an improvement from 0-12 to 6-6 in the four years attended and won the Sportsmanship award from the NRA 3 years in a row.

Commended Journalist in the local newspaper for publishing a key article in the most influential and bestselling edition sold to date.

Member in good standing of Clemson's Calhoun Honors College.

Special Skills

I am learning the functions of C, C++, and Java programming languages, and have a very good grasp of mid-level to advanced logical statements, conditionals, recursion, and their applications. I have taken over 12 classes over the course of high school and college that tie into the engineering / computer science field.

I have excellent data-gathering and processing skills, and am well-versed in the use of Microsoft Excel, Powerpoint, and Word.

I have experience with program design specifications and development, including design paradigms such as design-by-contract and converting customer requirements into program specifications.

I am highly skilled at internet searches, information gathering and interpretation, and reporting. I can copy information at 50 words typed per minute and write in my own words / write a research report at 65-70 words per minute.

I possess exceptional vocal communication skills; given a good understanding of material and a few minutes to plan, I can explain any and all material presented to me in a concise, informative way. This includes program functions, complex instructions, data sets, and a variety of other information types.

I am very much so willing and able to learn all new material presented to me, and if necessary, teach others or aid peers in understanding the material.

I am a fluent English speaker and am at ease taking to people of all ages, ethnicities, and backgrounds. I can easily get points across and am comfortable speaking in front of crowds of any size.

Business Experience

Clemson University

Clemson, SC October 2016 – present

Worked with a professor and several grad students to develop software and hardware for the OtterNET research project, funded by the National Science Foundation.

Developed and refined computer software for use in ultra-low power environments; coordinated with a group of students to work both virtually and in-person on the project.

Duke Energy

York, SC June 2016 – August 2016

Employed in an IT & cybersecurity internship program at the Catawba Nuclear Station.

Passed a background check for unescorted access to plant critical areas, including control room, in order to maintain and update the plant's digital infrastructure. Performed re-imaging of on-site machines, inventories, part replacement, and data recovery.

Clemson University

Clemson, SC January 2016 – May 2016

Worked with students to teach them computer science material, help them troubleshoot bugs in their code, collect and grade completed programs, and assist with large-scale programming assignments.

Independent Research Organization

Clemson, SC October 2014 – February 2015

Worked with a grad student and freshman in a research project sponsored by BMW to test the Active Cruise Control software in the newest model of cars.

Explained testing protocols, taught participants how to operate the new technology, set up and took down the testing course, recorded data related to the car's operations, compiled, edited, and assembled test footage for usage in the final presentation, assisted research head with technical decisions and other miscellaneous activities.

Big Vision Foundation

Leesport, PA March 2014 – August, 2014

Worked at a concession stand at the Berkshire Baseball fields, approximately 10-16 hours per week.

Spoke with customers, handled money and payments, prepared food, worked with a group of people in rapid, pressure-intensive "rushes" when games ended; managed time in between "rushes" effectively to keep the working environment 100% functional and performing at maximum.