

# Cole Tyler Nelson

920.917.2261 | [ctnelson1997@gmail.com](mailto:ctnelson1997@gmail.com) | [www.coletnelson.us](http://www.coletnelson.us)



[@ctnelson1997](https://www.youtube.com/@ctnelson1997)



[@ctnelson1997](https://www.linkedin.com/in/ctnelson1997)

## Education

University of Wisconsin-Platteville	B.S. Software Engineering Emph. Engineering Management Mn. Mathematics	May 2020 3.96 GPA
University of Wisconsin-Madison	M.S. Computer Science	May 2023

## Work Experience

Instructor (CS220 & CS571)	University of Wisconsin-Madison	2021-Present
Instruct for courses on data programming and UI development through the development, delivery, organization, and collection of course content such as lectures, course webpages, web servers, assignments, quizzes, and exams.		
Application Security Intern	Nelnet Diversified Services	2020-2023
Participate in, develop for, and promote the use of practices of the secure software development lifecycle.		
Teaching Assistant (CS570 and CS571)	University of Wisconsin-Madison	2020-2021
Assisted student learning in UI/UX through the creation, moderation, distribution, and grading of course materials.		
Software Developer Intern	Kohl's Innovation Center	2019
Assisted in the migration, implementation, and testing of the transition for a credit processing system to the cloud.		
Software Developer Intern	Nelnet Diversified Services	2018
Developed and maintained web apps using Java & Spring, TypeScript & Angular, following REST specifications.		
Undergraduate Researcher	University of Wisconsin-Platteville	2017
Developed and presented a programming language for performing source-to-source transformations of C and C++ code at PCARD, the UW-System Symposium, and Research in the Rotunda.		
Computer Science Academic Assistant	University of Wisconsin-Platteville	2017-2020
Assisted computer science students in individual, group, and lab settings using Python, Java, and C++.		

## Programming Expertise

Languages	TypeScript, JavaScript, Java, C++, C#, Python, Julia, R, HTML, CSS, Ruby, SQL, Antlr, Shell
Technologies	Angular, NodeJS, Express, React, Spring, Pandas, Docker, Jenkins, Atlassian Software, Git

## Organizations

Graduate Christian Fellowship	Leadership Team	2022-2023
Association for Computing Machinery	President	2017-2019
Circle K International	District Governor, Vice President, Chair	2017-2020

## Honors and Awards

Outstanding Teaching Assistant	CS @ UW-Madison	Academic Excellence Award	Phi Kappa Phi
Chancellor's Medallion	UW-Platteville	Distinguished District Governor	Circle K International
Excellence in Leadership	UW-Platteville	M. J. Pierski Golden Gavel	Circle K International