

# NICHOLAS WHITE

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## Summary

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Seeking entry into Software Engineering position. Highly interested in a position which offers the possibility of advancement and will utilize my knowledge of software architectures, database systems, and computer engineering.

Was recently accepted to Cleveland State University's Scholars program. Winner of the Parker Hannifin Engineering Endowment for four consecutive years (currently in senior year). Winner of the Choose Ohio First Scholarship in Mathematics for four consecutive years. Member, and previously an elected officer in the Cleveland State Chapter of the IEEE.

Highly motivated, personable business minded individual with experience and a track record of employment with various companies in the Cleveland area.

Diplomatic and tactful with professionals and non-professionals at all levels. Accustomed to handling sensitive, confidential materials as well as research materials. Demonstrated history of being able to work with the public and handle any questions, problems or complaints that arose.

Always willing to work flexible hours. Flexible and able to maintain a sense of humor under pressure. Poised and competent with demonstrated ability to easily transcend cultural differences. Has the ability to work and thrive within a team or group environment.

Adept at application development, testing and optimization. Excels at MVC pattern application development, including coordinating ground-up planning, programming and implementation for core modules.

Focused and detail-oriented, offers exceptional troubleshooting skills and a talent for developing innovative solutions to unusual and difficult problems.

Highly dependable and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues.

## Accomplishments

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### Data Warehouse ETL Development:

Experience with business analytics solutions using relational database schema.

### ASP.NET MVC 5 Application Development:

Experienced web developer having worked on several large scale web applications.

### Application Database Development:

Adept data modeler. Solid foundation in relational theory, database design, and implementation.

### Full Stack Microsoft Azure Development:

Experienced cloud developer. Familiar with cloud software concepts, as well as cloud storage solutions.

## Experience

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IT Intern - Manufacturing Systems Development

Jan 2015 to May 2015

Parker Hannifin — Mayfield Heights, OH

Drove continual improvement to system architecture by refactoring old legacy code.

Coordinated with QA testers for end-to-end unit testing and post-production testing.

Fielded and handled many Team Mailbox CA Service Desk tickets regarding a multitude of topics.

Created proof-of-concept prototype applications for demonstration and evaluation purposes.

Updated, modified and expanded existing software programs. Resolved customer issues by establishing workarounds and solutions and by debugging and creating defect fixes.

IT Intern - Data and Business Intelligence Developer

May 2016 to Current

Parker Hannifin — Mayfield Heights, Ohio

Developing ETL mappings, table layouts, and data models to support large scale integration of source systems into data warehouse.

## Technical Skills

<u>Skills</u>	<u>Experience</u>	<u>Total Years</u>	<u>Last Used</u>
ASP.NET MVC 5	Proficient	2	Current
HTML, CSS, Fontend Javascript (Angular, React)	Familiar	2	Current
Backend Javascript (Node.Js, Backbone.Js)	New	1	Current
REST Services	New	1	Current
Desktop Application Development (C#, Java)	Familiar	3	Current
SQL / MySQL Databases	Proficient	2	Current
MongoDB, Neo4J	Familiar	1	Current
Hadoop, Spark, Hive, Big Data Tools	Heard of, taken courses	.5	Future
Microsoft .NET Framework (WPF, WCF)	Proficient	2	Current
Entity Framework 6 (ORMs)	Familiar	.5	Current

## Education

Bachelor of Science, Computer Engineering

2016

Cleveland State University — Cleveland, OH, United States

Scheduled to graduate Spring 2016 semester

- Minor in Computer Science
- Parker Hannifin Engineering Endowment 4 year recipient
- Choose Ohio First Mathematics scholarship recipient
- University Scholar's Program scholarship recipient
- Coursework in Computer Science, Computer Engineering, Electrical Engineering, and Mathematics
- Coursework in Information Technology
- Computer System Architecture courses
- Officer in IEEE - Cleveland State Section

Mathematics

Cuyahoga Community College — Cleveland, OH, United States

Mathematics (calculus and discreet math) coursework

## Relevant Coursework

CIS 430 Relational Databases

CIS 465 Modern Multimedia Processing

EEC 497 Special Topics - Data Warehousing

EEC 417 Embedded Systems  
CIS 265 Data Structures & Algorithms  
CIS 260 Intro to Programming  
MTH 220 Intro to Discrete Mathematics  
ESC 250 Diffrentl Equatns for Engineers  
ESC 310 Engineering Stats/Probability  
MTH 284 Matrices for Engineers  
CIS 340 Systems Programming  
EEC 483 Computer Organization  
PHL 215 Engineering Ethics  
ESC 282 Engineering Economy  
EEC 484 Computer Networks  
ESC 102 Technical Wrtg & Prof Com  
EEC 414 Writing in Elec & Comp Eng  
EEC 313 Electronics I  
EEC 316 Electronic Devices Lab  
EEC 382 Digital Systems and Lab  
EEC 487 Advanced Digital Systems  
EEC 310 Electric Circuits I  
EEC 311 Electric Circuits II  
MTH 181H Honors Calculus I  
MTH 182H Honors Calculus II  
PHY 243 University Physics I (Writing)  
PHY 244 University Physics II(Writing)  
ESC 120 Intro to Engineering Design

## Awards

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Parker Hannifin Engineering Endowment:  
Fall 2012 - Current

Cleveland State University Scholars Award  
Fall 2012 - Current

Choose Ohio First Mathematics Scholarship  
Fall 2012 - Current

## Certificates of Learning

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Course:  
Techniques and Concepts of Big Data  
Date of Completion:  
August 5, 2015

Course:  
NoSQL For SQL Professionals  
Date of Completion:  
August 15, 2015

Course:  
Foundations of Programming: Web Security  
Date of Completion:  
Jun 06, 2015

Course:  
Up and Running With AngularJS  
Date of Completion:  
August 06, 2015

Course:

Course:  
Transitioning from Data Warehousing to Big Data  
Date of Completion:  
August 15, 2015

Course:  
SQL Essential Training  
Date of Completion:  
June 31, 2015

Course:  
ASP.NET Essential Training  
Date of Completion:  
June 31, 2015

Course:  
XML Essential Training  
Date of Completion:  
June 13, 2015

Course:

Foundations of Programming: Refactoring Code  
Date of Completion:  
Jun 06, 2015

Course:  
Foundations of Programming: Data Structures  
Date of Completion:  
June 10, 2015

Course:  
Foundations of Programming: Fundamentals  
Date of Completion:  
June 10, 2015

Course:  
Test-Driven Development  
Date of Completion:  
June 10, 2015

Course:  
Foundations of Programming: Code Efficiency  
Date of Completion:  
June 10, 2015

Course:  
Practical Cybersecurity  
Date of Completion:  
June 10, 2015

Course:  
Foundations of Programming: Databases  
Date of Completion:  
June 12, 2015

Course:  
Relational Database Fundamentals  
Date of Completion:  
June 12, 2015

Course:  
Understanding SSH  
Date of Completion:  
June 31, 2015

Course:  
Hadoop Fundamentals  
Date of Completion:  
June 31, 2015

Course:  
Objective-C Essential Training  
Date of Completion:  
June 31, 2015

Course:  
JavaScript Essential Training  
Date of Completion:

Effective Design of RESTful APIs  
Date of Completion:  
June 15, 2015

Course:  
HTML Essential Training  
Date of Completion:  
June 15, 2015

Course:  
PowerShell 3.0 Scripting and Tool Making  
Date of Completion:  
August 15, 2015

Course:  
Visual Studio 2013 for Web Developers  
Date of Completion:  
June 17, 2015

Course:  
Foundations of Programming: Object-Oriented Design  
Date of Completion:  
June 18, 2015

Course:  
CompTIA Network+ Exam: Understanding Networks  
Date of Completion:  
June 31, 2015

Course:  
CompTIA Network+ Exam: The Physical Network  
Date of Completion:  
June 31, 2015

Course:  
CompTIA Network+ Exam: The World of TCP/IP  
Date of Completion:  
June 31, 2015

Course:  
CompTIA Network+ Exam: TCP/IP  
Date of Completion:  
June 31, 2015

Course:  
CompTIA Network+ Exam: Managing the Network  
Date of Completion:  
June 31, 2015

Course:  
CompTIA Network+ Exam: Advanced IP Networking  
Date of Completion:  
June 31, 2015

June 30, 2015

Course:  
PHP 5.4 New Features  
Date of Completion:  
June 31, 2015

Course:  
CompTIA Network+ Exam: Beyond the Typical  
Network  
Date of Completion:  
June 31, 2015

Course:  
Up and Running with ASP.Net  
Date of Completion:  
June 31, 2015

Course:  
Visual Studio 2012 Essential Training  
Date of Completion:  
June 31, 2015

## Work History

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Sales Associate, Systems Department Microcenter Inc. — Mayfield Heights, OH	Jun 2012 to Sep 2013
Delivery and warehouse associate PakRite Inc. (Parker supplier) — Valley View, OH	Mar 2012 to Sep 2012
Warehouse & Delivery Specialist Aladdin Rents — Eastlake, OH	Jun 2011 to Mar 2012