

# Zachary Novak

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## **EDUCATION:**

***The University of Akron***, College of Business Administration  
Bachelor of Business Administration in Information Systems Management  
Graduation Expected December 2018  
Dean's List: 3 semesters

Akron, Ohio

GPA: 3.58

## **TECHNICAL SKILLS:**

- Competent with Python 3, SQL, C#, Java
- Knowledge of Scala / C++ / R / PHP / HTML5 / CSS3 / JavaScript / MVC / jQuery / .NET / PowerShell / neo4j
- Experience with Spark, AWS, Apache Airflow, Elastic Stack, Kafka, Agile Environment
- Proficient with MS SQL Server, MySQL, Atlassian Stack, MS Office, Visual Studio, SVN

## **RELEVANT WORK EXPERIENCE:**

### ***Cardinal Commerce | Mentor, Ohio***

May 2018 – Aug 2018

#### Business Intelligence Engineering Intern

- Created new DAGS in Apache Airflow as well as optimize existing DAGS for increased automation, troubleshooting, alerts/monitoring, and general debugging
- Developed scripts/applications using Python 2.7, SQL, Java 8, AJAX, Spring, HTML, CSS, and JS in both Windows and Linux environments
- Followed Software Development Life Cycle best practices and participate in code reviews using Atlassian Crucible, Atlassian Confluence, WinMerge, and SVN

### ***Diebold Nixdorf | North Canton, Ohio***

Sept 2017 – Present

#### Jira Specialist / Project Management Intern

- Automated data entry in Jira using Python scripts to ease workload of project managers
- Created and developed projects in Jira while assisting project managers with project administration to meet internal / external audits while also assisting with meeting planned milestone declaration dates

### ***Cardinal Commerce | Mentor, Ohio***

May 2016 – Aug 2016, May 2017 – Aug 2017

#### Business Intelligence Engineering Intern

- Maintained and updated internal Big Data website with monitoring dashboards, reports, and triggers to push notifications to appropriate client managers, security, and/or production specialists
- Worked on projects involving design, development, and delivery of data analysis and reporting for internal and external consumers
- Performed functions dealing with report writing, capacity planning, ETL jobs, client data delivery, and testing within reporting database schema

## **ACTIVITIES AND INVOLVEMENT:**

- Williams Honors College Delegate, *Student Member* August 2016 – Present
- Hakron, *Student Member* January 2016 – Present
- Students in IT and eBusiness, *Treasurer* December 2015 – Present
- Cleveland Food Bank - *Saint James Soup Kitchen, Soup Kitchen Assistant* January 2013 – Present
- The Early College Academy @ Souers, *Professional Mentor* October 2017 – May 2018
- OHSA, *Volunteer Youth Wrestling Referee* December 2016 – July 2018