Aaron M Sens
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Education/Scholarships
UNIVERSITY OF CINCINNATI, CINCINNATI, OH
BS in Computer Engineering (GPA 3.3/4.0)   *expected graduation August 2019*
MS in Computer Science   *expected graduation December 2019*
University of Cincinnati Cincinnatus Scholarship   August 2014-current
National Merit Scholarship   August 2014-current

Work Experience
UNIVERSITY OF CINCINNATI CEAS   January 2019 -current
Graduate Teaching and Research Assistant
- Graded assignments and guest lectured for both the undergraduate and graduate Operating Systems course
- Implemented data clustering algorithms in C++ for topological data analysis in the High Performance Computing Lab

DIEBOLD NIXDORF   January 2018- August 2018
New Technologies and Incubation Co-op
- Implemented C# application that automated parsing of large XML files
- Queried live ATM machine data using Splunk for data analytics
- Created dashboards in Splunk to present ATM information visually

INTELLIGRATED (now Honeywell)   August 2016-August 2017
Project Software Eng. Co-op
- Tested conveyor I/O functionality, calibrated material sorter systems, and updated databases for Amazon distribution centers
- Assisted in warehouse software upgrade for Big Lots distribution center
- Managed inventory of $100,000+ worth of servers to be shipped to future project sites
- Used SQL to organize and update distribution center data

HONDA OF AMERICA MFG., INC.,   January 2016-May 2016
Paint Quality Co-op
- Worked extensively with Excel to track and categorize quality issues such as paint defects and robot malfunctions
- Wrote queries in Business Objects (visual SQL) to collect and present data from company database to show paint defects for all production cars
- Aided department transition to "ISOQuest" web platform for document compliance- documents utilized by 300+ associates in Marysville Auto Plant

Technical Skills
- Languages: Python, C#, Java, C++, Matlab, SQL, XML, HTML, JSON
- Packages: Microsoft Office, .NET, Business Objects, Splunk, Git
- Operating Systems: Windows, Linux (Debian)

Activities/Involvement
- Institute of Electrical and Electronics Engineers (IEEE)   August 2014-current
Bearcat Buddies Tutor
- Tutored elementary, middle, and high school students in various subjects

January 2014-current