

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 (GPA 3.77/4.0)

expected graduation December 2019

University of Cincinnati Cincinnati Scholarship

August 2014-May 2019

National Merit Scholarship

August 2014-May 2019

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 clustering algorithms in C++ for topological data analysis

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: C++, Python, SQL, C#, Matlab, XML, HTML
- Packages: Microsoft Office, .NET, Business Objects, Splunk, Git
- Operating Systems: Windows, Linux (Debian)
- Tools: Ghidra, Ollydbg, gdb, Radare2, Wireshark

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-December 2017