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Avon Lake, OH 44012

Zachary Collins

EDUCATION

Bachelor of Science, Computer Engineering
University of Cincinnati, Cincinnati, OH   **GPA: 3.956 / 4.0**
University Honors Program   Expected Graduation May 2019

Avon Lake High School   **GPA: 4.6 / 4.0**
Avon Lake, OH   Honors Graduate 2014

INDUSTRY WORK EXPERIENCE

Siemens PLM Software, Milford, OH   August 2015 - Present
Software Engineering Co-op, Product Engineering Software

- Contributed to development for NX, an enterprise level 3D CAD and simulation software
- Improved test framework supporting approximately 100,000 automated tests
- Wrote unit tests to increase test framework code coverage
- Gained experience with version control software
- Gained in-depth understanding of debugging processes and tools
- Collaborated with developers and QA analysts across numerous teams on projects
- Created standalone programs to be delivered to customers
- Competed in and won NX Open API design challenge

TECHNICAL SKILLS

Programming Languages:
>C++, C#, Java, Python, Visual Basic, Lua, Matlab

Other:
>Linux, Windows, and OS X operating systems, Git, Visual Studio, Eclipse, Siemens NX and Solid Edge, Microsoft Office Suite, B2.SPICE, Multisim, GIMP

AWARDS

National Merit Scholar
- Honor achieved by top 7,600 of approximately 1.5 million high school seniors each year

Cincinnatus Excellence Scholarship
- One of the highest scholarships awarded to students at the University of Cincinnati
- Emphasis on community service

Eagle Scout
- Designed, organized, and led community service project at local animal shelter

OTHER HONORS, AFFILIATIONS, AND SKILLS

Corporate sponsorship coordinator, RevolutionUC hackathon, 2016-present
3rd Place, RevolutionUC Hackathon, Spring 2016
Honorable Mention, Siemens PLM Software Hackathon, Fall 2015
Member, Association for Computing Machinery (ACM), University of Cincinnati, 2014-present
Member, Institute of Electrical and Electronics Engineers (IEEE), University of Cincinnati, 2014-present
Dean's List, University of Cincinnati, 2014-present
Junior Assistant Scoutmaster, Boy Scouts of America, 2013-present
Senior Patrol Leader, Boy Scouts of America, 2011-2012
Fluent in Finnish

Available for Fall 2017 Co-op