

JOHN MCAVEY

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Experience

Stony Brook University

Research Assistant | May 2015 – Present

- Developing Java Native Interface code to provide Inter Process Communication between a Library Operating System and the Java Virtual machine for use with Intel's Software Guard Extensions (SGX)
- Minimizing the memory footprint of the Library OS and Java Virtual Machine running in the secure process
- Provide automated developer assistance to minimize unforeseen side channel attacks

MRE Consulting

Interim SCCM Administrator for North America | May 2014 – March 2015

- Wrote Task Sequences for automated department specific installations
- Oversaw the installation and update of mission-critical software
- Performed health monitoring and compliance analysis on all systems
- Automated the upgrade from Windows XP to 7 using Task Sequences
- Managed the Application Catalog for optional applications

Education

Bachelors of Arts in Computer Science | Hendrix College

- Won first place in the CCSC 2014, and Acxiom 2014 programming competitions.
- Co-founding member of the Hendrix Programming Club.
- Worked actively in the community as Captain of the Student Congress and Mock Trial teams
- Major GPA: 3.7

Awards and Acknowledgements

MCM Meritorious Submission

- The Mathematical Competition in Modeling
- Teams given a problem in Mathematical Modeling
- Given 3 days to solve the problem and write up their solution.
- Meritorious given to participants in the top 10% of all submissions world wide.

CCSC Programming Competition First Place

- Annual competition held for the Mid-south chapter of the Consortium for Computing Sciences in Colleges.

Eagle Scout Award

References available upon request