

# Matthew Cole

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🏢 Department of Computer Science

Thomas J. Watson College of Engineering and Applied Science

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## Resume

### Education

May 2024 (expected)	<b>Ph.D. Computer Science</b> , State University of New York at Binghamton University, Binghamton, New York.
August 2018	<b>M.Sc. Computer Science</b> , State University of New York at Binghamton University, Binghamton, New York. GPA: 3.97/4.00
May 2005	<b>B.Sc. Computer Science</b> , United States Naval Academy, Annapolis, Maryland. Graduated <i>With Merit</i> , Upsilon Pi Epsilon GPA: 3.78/4.00 (major), 3.60/4.00 (overall)

### Experience

*Research Experience*

*Teaching Experience*

*Professional Experience*

### Service

*Professional Service*

*University Service*

### Skills

Languages	C, C++, Python, x86/RISC-V/ARM assembly, LLVM IR, Rust, Java
Operating Systems	Unix/Linux (Debian/Ubuntu/Solaris), MacOS
Benchmarking	SPEC CPU 2006/2017, Hayai, Google Benchmark
Testing	CUnit, Google Test, Boost.Test, Python unittest, LLVM Lit
Build/Deploy	GNU Make, CMake, Github Actions, Travis-CI, Git
Reverse Engineering	Ghidra, Hopper

### Miscellaneous