David C. Adrian

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Education	**University of Michigan,** Ann Arbor, MI	Class of 2014

Bachelors of Science in Engineering, Computer Science Engineering
- GPA: 3.55/4.00
- CONCENTRATION: Minor in Mathematics
- SIGNIFICANT COMPLETED COURSES: Data Structures, Algorithms, Digital Logic Design, Computer Organization, Computational Theory, Linear and Abstract Algebra, Cryptography, Computer Security
- SIGNIFICANT CURRENT COURSES: Operating Systems, Graphics, Artificial Intelligence, Coding Theory

Work Experience

Research Assistant, under Professor Robert P. Dick — 2011 - Present
Whisper Communication Project
www.whispercomm.org
- Participated in project to build an easy-to-use, infrastructureless, reliable, secure, private communication system
- Developed a mobile ad-hoc network emulation system (MANES) for testing feasibility, routing protocols, and location profile systems using 3G networks and cell phone GPS features
- Built a user-friendly censorship-resistant communication app on top of MANES, called Shout.
- Managed and assisted other students developing applications that leverage the MANES client framework.

Network Technician, UM College of Engineering — 2011 - 2012
Computer-Aided Engineering Network
- Maintained College of Engineering computer network and assisted with IP/DNS space supervision
- Adminstered and deployed over 700 wireless access points in the CAEN wireless network
- Updated network hardware and switch configurations (Cisco, Force10, Juniper) according to faculty and department needs

Leadership Experience

AP Scholars Program Chair, Michigan CSE Scholars — 2012
- Kicked off program during its first semester
- Began developing a course on Java based on AP computer science requirements
- Coordinated and directed four teams designing different parts of the course
- Provided overall direction and vision for the course

Computer Skills

Programming:	Java, C++, C, Python, Verilog HDL
Web Development:	PHP, HTML/CSS, Django, Javascript, Node.js
Databases:	MySQL, SQLite, Voldemort, neo4j, MongoDB
Software:	Windows/Mac/Linux, Vim, LaTeX