

SETH SAWANT

102 South Lincoln Avenue ◇ Apt 201 ◇ Urbana, Illinois 61801
(+1) 609-422-7817 ◇ sethsawant@gmail.com

EDUCATION

University of Illinois at Urbana-Champaign

B.S. in Computer Engineering

Edmund J. James Honors Scholar

Expected Graduation: May 2021

August 2017 - Present

Overall GPA: 3.53/4.00

Technical GPA: 3.86/4.00

TECHNICAL STRENGTHS

Computer Languages

C/C++, x86, Python, HTML, Clojure

Software & Tools

Linux CLI, Radare2, Wireshark, Metasploit, John the Ripper

EXPERIENCE

U.S. Army Futures Command DEVCOM C5ISR

Night Vision and Electronic Sensors Directorate Intern

May 2019 - August 2019

Fort Belvoir, VA

- In Progress
- In Progress
- In Progress

Association of Computing Machinery - SIGPwny

Offensive Security Group Team Member

August 2018 - Present

Champaign, IL

- Worked with University faculty and staff to carry out a penetration testing engagement on one of the Computer Science department's largest undergraduate courses
- Used knowledge of web exploitation and network attacks to help assess security of various course-critical systems such as homework autograders, class forums, and attendance monitors
- Learned about the intricacies of conducting active information gathering on a live target

PROJECTS

ESP32 Game Boy Emulator - Created a lightweight 1989 Nintendo Game Boy emulator in C that is capable of running on a ESP32 system-on-a-chip as a part of a project that aims to replace the internal logic board inside the Game Boy's original hardware

Custom Wifi Switch - Hacked a cheap ESP2866-based WiFi smart switch to run custom networking firmware built using a modified MicroPython implementation and WebSockets, which enabled it to be controlled through simple HTTP GET requests sent from Google Assistant

RELEVANT COURSEWORK

ECE 391: Computer Systems Engineering

CS 460: Security Lab

ECE 220: Computer Systems & Programming

CS 225: Data Structures

EXTRACURRICULARS AND LEADERSHIP

UIUC Climbing Club

ACM

Illini Drone Racing

IEEE