

# tannerprynn

## contact

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(602) 653 0114

## interests

Security  
Cryptography  
Machine Learning  
Embedded Devices

## education

2011–2015 **BS** Computer Science, Math, IST The University of Arizona  
3.9 GPA

## experience

2015–Now **NCC Group** Chicago, Illinois  
*Senior Security Consultant*

2014–2014 **Matasano Security** Chicago, Illinois  
*Security Intern*

2013–2013 **GEOCAM** Tucson, Arizona  
*Undergraduate Research Assistant*

## skills

### Web

Security testing in web applications across a huge variety of frameworks. Identifying and fixing common and uncommon web flaws. Big fan of Burp Suite, less fond of automated tools.

### Unix & Networks

Extremely comfortable working in a Unix environment. Knowledge of network protocols, Unix security model, virtualization technologies. Reading or writing C to find, exploit, and fix vulnerabilities. I avoid reverse engineering if I can help it.

### Software

Confident reading and writing software in most modern languages. With source, vulnerabilities are easy to find. Most problems can be solved (or exploited) with a few lines of code.

### Hardware

Hardware, microprocessors and assembly languages, with experience writing assembly in MIPS. Reverse engineering hardware devices through component and debug interface identification. Simple circuit constructions and bit-banging using Arduino.

## competitions & publications

2016 **CSRF in the Modern Age: Sidestepping the CORS Standard** Toorcon  
Systematically evaluated browsers' implementations of the CORS standard.

2014 **Internet-of-Things Security Research** Matasano Security  
Worked with a distributed team to reverse engineer and exploit home automation devices from a number of big-name manufacturers.

'13, '14, Now **Various CTFs and Programming Competitions** Various  
Played CSAW, Microcorruption and many other web-based CTFs, as well as local and regional ACM competitions.