

# Thomas Quig

Computer science (cybersecurity) student looking for summer internships

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## EDUCATION

**University of Illinois**  
*Bachelors of Science*

Urbana-Champaign, IL  
EXP 2022

**Relevant courses:** Communications Networking, Computer Security, Computer Architecture, Systems Programming, Virtual Reality, Numerical Methods, Probability & Statistics in CS.

GPA: 3.5/4.0 (3.57 Technical)

## EXPERIENCE

**Trail of Bits**  
*Intern*

New York, NY  
Dec 2019-Jan 2020

- Successfully integrated Ethereum smart contract upgradeability safety checks into Trail of Bits Python and ReactJS based web app Crytic

**ACM-SIGPwny**  
*Executive/Administrator*

Urbana-Champaign, IL  
Fall 2018 – Present

- Attend and lead weekly meetings of the University of Illinois cybersecurity interest group
- Developed and helped coordinate multiple recruitment events including a fall CTF tournament, resulting in significantly increased attendance
- Present meetings on various cybersecurity practices to student crowds of 20 or more

**Illini Tech Services**  
*On-Site Consultant*

Urbana-Champaign, IL  
Fall 2019 - Present

- Support faculty, staff, and students by appointment to swiftly troubleshoot technology issues
- Tasks include virus removal, OS installation, and departmental system administration

## PROJECTS

**TableTop WorldBuilder— VR Map Making Tool**

Fall 2019 - Present

- Coordinated a team of 5 to develop a fully functioning C# based VR game world building tool.

**CS Sail— Minecraft and Computer Architecture**

Apr 2019

- Taught a seminar at the UIUC CS-Sail high school event about the real life applications of logic circuits found within Minecraft Redstone

## SKILLS AND AWARDS

**Languages:** C, C++, C#, Java, Python, R, MIPS, x86, ReactJS, SQLAlchemy, HTML, Bash, Verilog

**Platforms:** Windows, MacOS, Linux, iOS, Unity3D, MS Office

**Awards:** 2nd in SIGPwny annual CTF (2018), Award for disclosed vulnerability at Cyphercon 4