

Thomas Quig

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OBJECTIVE

- Computer science (cybersecurity) student looking for internships for Spring 2021 and beyond
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EDUCATION

University of Illinois

Urbana-Champaign, IL

Bachelors of Science in Computer Science

EXP 2022

Relevant courses: Computer Security, Communications Networking, Wireless Networking, Computer Architecture, Systems Programming, Virtual Reality, Numerical Methods, Prob & Stat in CS.

GPA: 3.5/4.0 (3.57 Technical)

EXPERIENCE

RTM

Schamburg, IL

IT and Cybersecurity Intern

Jun 2020 – Present

- Support RTM employees to swiftly troubleshoot any IT issues, perform hardware and software maintenance on RTM devices and servers
- Completed a full penetration test on RTM network to great success, documented and improved RTM cybersecurity policy at a company wide level

ACM-SIGPwny

Urbana-Champaign, IL

Executive/Administrator

Fall 2018 – Present

- Project manager for UIUCTF 2020, a large online cybersecurity tournament. Acquired & maintained a \$7,500 budget, developed challenges and coordinated a team of 13 students/alumni to ensure event success. Total turnout was 1350 Users split among 860 teams.
- Attend and lead weekly meetings of the University of Illinois cybersecurity interest group. Give presentations on various cybersecurity topics/practices to student crowds of 20 or more

Illini Tech Services

Urbana-Champaign, IL

On-Site Consultant

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
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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
- Users create worlds within a grid, and then explore the worlds they created

CS Sail — Video Games 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 various video games
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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, RStudio, Ghidra, Windows AD

Awards:

- 1st in SIGPwny annual CTF (Cybersecurity challenge tournament, 2018)
- Attended Cyphercon 4, where I found & disclosed a race condition vulnerability in the event's CTF
- Top 10, CSAW World Qualifiers. Attended CSAW finals at NYU Tandon School of Engineering