Thomas Quig

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OBJECTIVE

- Computer science (information security) student looking for internships for 2021 and beyond

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 Information Security 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 information security policy at a company wide level

ACM-SIGPwny   Urbana-Champaign, IL
Executive/Administrator   Fall 2018 – Present
- Project manager for UIUCTF 2020, a large online information security 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 information security interest group. Give presentations on various information security topics 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

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

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 (Information Security 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