Thomas Quig

CS-ENG Student at the University of Illinois, Pursuing Summer Internships

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EDUCATION

University of Illinois, BS Computer Science   EXP 2022
College of Engineering, Urbana-Champaign

Completed: CS 126 (Software Design Studio) | 173 (Discrete Structures)
CS 210 (Ethics) | 225 (Data Structures) | 233 (Comp Arch)

Current: CS 241 (Systems Prog) | 361 (Probability/Stats) | 498 (VR)

Upcoming: CS 461 (Security) | 357 (Num. Methods) | 438 (Networks)

GPA: 3.4/4.0 (3.52 Technical)

Barrington High School, Barrington IL   2014–2018

Outstanding Achievement in Computer Science, (June 2018)

EXPERIENCE

ACM-SigPwny, Champaign IL — *Officer*
2018-PRESENT

Officer of University of Illinois Information Security Club, actively participate and help other students learn infosec practices

Illini Tech Services, Champaign IL — *On-Site Consultant*
SEPT 2019-PRESENT

Support faculty, staff, students, and retirees by appointment to troubleshoot and repair computer problems. Tasks include virus removal, OS installation, and system administration for departments

Egg Harbor, Barrington IL —*Dishwasher*
SUMMER 2018

Performed intensive activity in and handle a high stress, time-sensitive, customer service-oriented environment.

PROJECTS

CS Sail - *Minecraft and Logic Circuits*
Taught a seminar at the University of Illinois for CS Sail about the real-life applications of logic circuits found within Minecraft Redstone

SIGPwny Fall HACK-athon — *Fall Recruitment CTF*
Worked as a leader involved in hosting a Fall CTF Event. Designed and deployed challenges, presented on Open Source Intelligence

Minimal Minimal Revolution — *Lower CPU Load*
Recreated a low spec, PC edition of Dance Dance Revolution with better performance, higher frame rates, and smoother graphics

SKILLS

1 year of experience in C++

3 years of experience in Java

2 years of experience in C#

0.5 years experience in C

1.5 years of experience in Information Security

SYSTEMS

6 years experience in MacOS

8 years experience in Windows

2 years experience in Linux

AWARDS

Voted Best Game Overall
National Student Leadership Conference: Game Designers
Los Angeles, June 2017

Top 3 out of 125 students in 2018–2019 University of Illinois Cybersecurity Tournament (UIUCTF)

6th at Cyphercon Capture the Con, received a SecureWorks adversary coin for finding and disclosing a race condition vulnerability in CTF website, April 2019

Perfect 36 on the ACT, Dec 2016

LANGUAGES
Spanish - Conversational

EVENTS
CSAW - 2019
Cyphercon - 4.0