

Matthew Crumley

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414 Arrow Head, Round Rock, TX

EDUCATION

Texas State University

Bachelors of Science in Computer Science with a Minor in Applied Mathematics; GPA: 3.6/4.0

San Marcos, TX

Graduated May, 2019

Relevant Coursework: Software Testing, Computer System Security, Database Systems, Data Mining and Information Retrieval, Operating Systems, Computer Architecture, Object Oriented Design and Programming, Data Structures and Algorithms

SKILLS

- **Languages:** C++, HTML/CSS, Javascript(Some Experience), Java(Some Experience), SQL(Some Experience), Python(Some Experience)
- **Other:** Windows, Linux, phpMyAdmin, GitHub

EXPERIENCE

NC SOFT

Austin, TX

2009-2014

- **Customer Service Representative:** I answered customer questions about various technical, billing, and gameplay issues. In addition, I created Confluence pages to help new agents understand policy and procedures.
- **QA Tester:** Used various tools and methods to test games and reported defects to the Development Team.

PROJECTS

- **CPU Emulator:** A C++ based program that emulates how a CPU, ALU, and memory handle instructions.
- **Computer System Security Project:** A semester long project in which I:
 - Used Linux iptables and Cisco firewall to enforce a security policy.
 - Learned how to exploit and defend a Linux system's SSH service.
 - Learned how to exploit and defend against an SQL injection attack.
 - Learned how to crack a WEP key to access a wireless network.
 - Learned how to exploit a flawed encryption algorithm to decrypt an encrypted file.

ADDITIONAL EXPERIENCE & ACHIEVEMENTS

- **Texas State Deans List:** 2017-2019