

Kasey L. Maberry

Computer Scientist

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Education

New Mexico Institute of Mining and Technology

Socorro, NM

B.S. in Computer Science

August 2013 - December 2017

- 3.3/4.0 Overall GPA
- 3.5/4.0 Major GPA
- Graduated December 2017

Skills

Programming C, C++, Java, Python, PHP, LaTeX, Bash Scripting, Git, and Assembly

Web HTML5, CSS, PHP, MySQL, JavaScript, Java Servlets, and SQL*PLUS

Network Security Hands-on experience with: Configuring ARP, NAT, IPSEC, DNSSEC, mitigating ARP spoofing and MITM attacks, DNS attacks, DDoS from TCP, Botnets, BGP Hijacking, cryptography

Other Subjects Neural Networks, Networks, Algorithms and Data Structures, Computer Architecture, Automata, Principles of Programming Languages, and Software Engineering

Projects

Detecting a cheater in an online First Person Shooter using Neural Networks

See kmaberry.com for more details

- Used both Multi-Layer Perceptron and Learning Vector Quantization to detect cheaters in an online first person shooter game

Vulcan Tech Forums

See kmaberry.com for more details

- Designed and implemented a mostly working forum website using Java servlets

Experience

New Mexico Tech Computer Science Department

Socorro, NM

Grader

January 2015-May 2015

- Graded weekly student assignments, then met with the student to discuss grade, code quality, and to answer any questions regarding the course.
- Graded for the Introduction to Computer Science course and Introduction to Data Structures and Algorithms.

New Mexico Tech Computer Science Department

Socorro, NM

Tutor

January 2016-May 2016

- Held weekly tutoring sessions for students to attend and receive help with the homework or ask questions.
- Tutored for the Introduction to Object Oriented Programming course(Java).

Unrelated experience

Estancia, NM

Public works crewmember, YCC crewmember

Summers in 2015-2017

Honors & Awards

New Mexico Tech

2013 Presidential Scholarship

Socorro, NM

2014 Honor Roll

Socorro, NM