Ronald Keating

Junior Level Computer Science Major
University of Idaho
GPA 3.41

Moscow, ID 83843
Phone Number
Email
(Public resume)

CLASS EXPERIENCE

CS121 - Intro to Data Structures
Worked with arrays, linked lists, hash tables, graphs, etc. The class was intended to understand how to visualize, create, and store data in a program.

CS150 - Computer Organization & Architecture
Programmed microcontrollers using assembly and learned binary, hex, and decimal arithmetic and conversions. Also learned about transistors, logic gates, and the process in order for a computer to make decisions.

CS210 - Programming Languages
Learned programming languages, such as ML, Unicon, and Prolog. Purpose was to understand the structure and the usages of different types of programming languages. Also used programs such as Lex and Yacc.

CS240 - Operating Systems
Learned about the structure of OS, while also building a shell using the C programming language.

CS270 - System Software
Understanding protocols, shell scripts, terminal commands, and Python.

CS336 - Introduction to Information Assurance
Understanding system attacks, types of encryption, and basic system security. Class also involved a lab, where we used buffer overflow, shellshock, SQL injection, string overflow, and race condition attacks to show the threats against a vulnerable system.

EDUCATION

Post Falls High School
Graduated from Post Falls High School in June 2017 with a 3.9 unweighted GPA.

University of Idaho
Graduating 2021 with a BS in Computer Science.

WORK EXPERIENCE

The Golf Club at Black Rock - Summer 2018, Contact: (208) 676-8999

Contract Design Associates - June 2016- January 2019, Contact: (509) 624-4220

OTHER INFORMATION

Pursuing a minor in mathematics Taken classes such as Calculus I, II, & III, STAT 301, and Linear Algebra. Currently taking Cryptography and Theory of Computation.

Operating Systems Advanced with MacOS and proficient with Windows.

Extra Curricular Activity Involved in the Baseball Club and Cyber Defense Club at the University of Idaho.

Projects Developed an Enigma simulation program, an advanced shell program with newly implemented commands, parsers, and a few others.

LANGUAGES

Advanced in C/C++ and have worked with Assembly, Python, and Shell Scripting.