AMARA TARIQ

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Skills

- Leadership, teamwork, adaptability, communication, innovative, negotiation, problem solving, willingness to learn
- Experienced in agile development and version control
- Comfortable with linux and github

Computer Science Knowledge

Proficient coding languages

- C++
- C#
- Java
- HTML
- MySQL
- CSS

Additional knowledge of coding in JavaScript and Python

EDUCATION

University of Idaho — Bachelor's Degree - Computer Science and Virtual Technology and Design - GPA 3.35

August 2017 - June 2018, 875 Perimeter Dr, Moscow, ID 83843

Boise State University — Bachelor's Degree - Computer Science and Information Technology Management - GPA 3.3

August 2018 - PRESENT, 1910 W University Dr, Boise, ID 83725

EXPERIENCE

- STEM Exploration Day — Volunteer and Event Teacher
    - Annually since 2010 - 2018, Boise State University
- Created games
    - From chess and checkers to simple first person shooters
- Running a blog, designing, and coding the appearance and layout
- Web design in both HTML and CSS

RELATED CLASSES

CS 121 COMPUTER SCIENCE I

Introduction to object-oriented problem solving and programming. Software development process. Data and expression, conditionals and loops, arrays and lists, and classes and interfaces.

CS 221 COMPUTER SCIENCE II

Object-oriented design including inheritance, polymorphism, and dynamic binding. Recursion. Introduction to program correctness and testing/analysis of time/space requirements. Basic data structures: lists, collections, stacks, and queues. Basic searching and sorting.

CS 321 DATA STRUCTURES

Scrum for software development. Scrum process, user stories, acceptance criteria, and test programming. Students work in Scrum teams.

CS-HU 310 INTRO TO DATABASE SYSTEMS USAGE

Application-intensive course on database systems. Topics covered in this course include: data modeling; insertion, deletion, and update statements; basic SQL queries including queries with negation; and database APIs

CS-HU 250 INTRODUCTION TO VERSION CONTROL

Introduction to the central ideas, practices, and day to day usage of software version control. Brief history with practical examples using Git, Mercurial, or Subversion. Basic client side usage such as committing, branching, merging, pull-request as well as more advanced usage.

CS-HU 271 AGILE DEVELOPMENT

Sorting, searching, and order statistics. Further data structures: trees, priority queues, dictionaries, balanced search trees, B-Trees, heaps, hash tables, and graphs.

CS 354 PROGRAMMING LANGUAGES

Currently enrolled in

Principles of programming languages: design, syntax, semantics, information binding, strings, arithmetic, input/output, recursion and extensibility.