



Dmytro Ryzhkov

University of Colorado, Boulder
Computer Science - Sophomore

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EXPERIENCE

Related Courses

- CSCI 3308 - Software Dev Methods and Tools
- CSCI 3155 - Principles of Programming Languages
- CSCI 3104 - Algorithms
- CSCI 2824 - Discrete Structures
- CSCI 2400 - Computer Systems
- CSCI 2270 - Data Structures
- CSCI 1300 - Intro to Programming

Related Projects

- Software Development Project
 - Hobby Forum Website called HobbyHub
 - <https://github.com/Rikka12580/group8>
 - Heavy use of **PHP**, **web frameworks**, and **MySQL Databases**
 - Test Driven Development using Agile methodology
- Android Game
 - Working on a side scrolling android game using Java and Android Studio
 - Work in progress, not yet released on the play store
 - <https://github.com/dryzhko/Game>
- Data Structures final project
 - https://github.com/ArlinTawzer/CSCI2270_FinalProjectSortingAlgorithms
 - Implementations of various sorting algorithms
- Pip Boy
 - Made a replica pip boy from fallout using a raspberry pi and LCD touchscreen, coded from scratch in python, using TKinter.

SKILLS

- C++ - Intermediate to advanced knowledge
- C - Intermediate to advanced knowledge
- Python - Intermediate knowledge
- Java - Beginning to Intermediate
- MySQL - Beginning to intermediate knowledge
- PHP - Beginning to intermediate knowledge
- HTML/CSS - Beginning to intermediate knowledge
- Scala - Beginning to intermediate
- Shell Scripts - Beginning to intermediate
- Agile Software Development
- Linux and other Unix based operating systems
- Web Development
- Test Driven Development
- Working in teams

EDUCATION

- **University of Colorado, Boulder**
 - Sophomore pursuing Bachelors Degree in Computer Science and Certificate in Music Technology
- **Cherry Creek High School**
 - High School Diploma 2010-2014
 - Graduated with Honors
 - Speech and Debate Captain for a team of over 200

MEMBERSHIPS

- Society of Women Engineers
 - Active member from 2014 - Present
- University of Colorado Debate Team
 - 2014 - Present
- Conference on World Affairs - Tech and Science
 - 2014
- Global Engineering Residential Academic Program
 - Learned about engineering solutions on a global scale
- National Speech and Debate Association
 - 2010 - 2014 , Achieving merit level of Superior Distinction
 - Qualified for Nationals in Policy Debate in 2014