



# 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](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
- MySQL - Beginning to intermediate knowledge
- HTML/CSS - Beginning to intermediate knowledge
- Java - Beginning knowledge
- PHP - Beginning knowledge
- Scala - Beginning knowledge
- Shell Scripts - Beginning knowledge
- Object Oriented Programming
- Agile Software Development
- Linux and other Unix based operating systems
- Web Development
- Web Frameworks
- Test Driven Development
- Working in teams

## EDUCATION

- University of Colorado, Boulder
  - Sophomore pursuing Bachelors Degree in Computer Science
- Cherry Creek High School
  - High School Diploma 2010-2014 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