3754 S. Ventura Way
Aurora CO 80013
(303) 667-0897

DMYTRO RYZHKOV

dmytro.ryzhkov@colorado.edu
http://ryzhkov.co
https://github.com/dryzhko

EDUCATION

Boulder, CO	University of Colorado Boulder	Fall 2014 – Summer 2018

- Pursuing Bachelor's Degree in Computer Science

- Related Undergraduate Coursework: Software Development Methods and Tools, Principles of Programming Languages, Algorithms, Discrete Structures, Computer Systems, Data Structures, Intro to Programming, Intro to Linear Algebra.

- Memberships: Society of Women Engineers, University of Colorado Debate Team, Conference on World Affairs - Tech and Science, Global Engineering Residential Academic Program.

TECHNICAL EXPERIENCE

Projects

- **Sociable** (2016). Virtual reality app for the Oculus Rift that helps special needs students to react appropriately in certain social situiations by putting them in a fun and safe environment. C#, Unity

- **HobbyHub** (2015). A group based social network/forum where users can join different groups depending on their hobbies and have discussions with other users about their interests.   MySQL, PHP, Web Frameworks

- **flix** (2016). A cross-platform movie where users can see information on upcoming movies, search for movies, and keep track of movies they want to see. APIs, HTML/CSS, Javascript, Ionic Framework

- **Data Structures Final Project** (2015). Implementations of various sorting algorithms on randomly generated arrays. C++

- **Android Game** (2016). Sidescrolling infinite runner game for the Android operating system. Java, Android Studio

- **PipBoy** (2015). Wearable tech based off of a video game, with various functions to aid the user. Python, Raspberry Pi, 3D Printing

ADDITIONAL EXPERIENCE AND AWARDS

- **Third Place , HackCU 2016 Hackathon:** Recieved third place overall for a virtual reality app aimed at teaching special needs kids how to react in social situations.

Languages and Skills

- C++, C, Python, HTML/CSS, Javascript, Java, PHP, Scala, MySQL

- Git/Github, Object Oriented Programming, Bash Shell Scripts, Agile Methodology, APIs, Linux, OSX, Windows, Test Driven Development, Android Studio.