CHRIS DEAL

Software Engineer

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📍 Denver, CO

Career Objective

Eager to prove my talent and value to your company with my algorithm and optimization skills. Working under pressure and in a team is where I thrive.

Projects

Android Application Deployed to Playstore

What's for Dinner? is an app that was designed to help people answer the ultimate question. Rated top app of the class. Intuitive and modern design and seamless function. Custom recipe API search. Feature Project on LinkedIn.

Jetpack Compose, Kotlin, Xref Database Tables, API, Flow

Computer Vision – Disc Golf Tracker

Aruco markers and homography with image stitching were used along with a 360 camera to paint visual targets on the target basket and show the exact path of travel to target on each shot.

Python, Aruco Markers, Homography, Video manipulation, Matrix math

UnixShell

Constructed my own bash shell in C. Will handle an unlimited amount of piped commands. Solved with recursion for interprocess coommunication

C, recursion, interprocess communication, command & operations mgmt

Clue in Space

Voted top rated game by all the classes of that year. Fully written in Java. Classic Clue game set in Space with Graphics implemented with JFrames.

Java, JFrames, OOP, AGILE Devolpment

Education

M.S. Computer Science

Fall 2022 | Colorado School of Mines

GPA 3.76

B.B.A. Finance

2009 | University of Texas

Relevant Courses

Algorithms
Computer Vision
Game Development
Operating Systems
Advanced Computer Architecture
Information Security & Privacy
Android & Web Development
Networking

Skills

⭐⭐⭐⭐⭐ Algorithm Analysis & Optimization
⭐⭐⭐⭐⭐ AGILE Development
⭐⭐⭐⭐⭐ Communication
⭐⭐⭐⭐⭐ C++, Java, Kotlin, JS, Python, bash, git
⭐⭐⭐⭐☆ C, Lisp
⭐⭐⭐☆☆ x86