

## James Carter Young

2581 S Clermont St, Denver, CO 80222  
720-201-6524, jamesyoungwrites@gmail.com  
Github: @jamesyoungGHusername

I'm seeking a junior level, full time, remote position. My Economics and small business background makes startups of particular interest to me. I'm personable, reasonable, and an excellent written and oral communicator on technical subjects. I genuinely enjoy coding more than any other sort of work that I do, and would be excited about making it my primary focus.

## Skills

### Programming Languages in descending order of experience

Java, Swift, JavaScript, C#, Python, C++

### Human Languages in descending order of experience

English (Native), French (Functional), Spanish, Mandarin, American Sign Language.

### Additional familiarities

Unit testing in XCode, UIKit, SwiftUI, NSCoding & Codable, SpriteKit, Unity (software), AVFoundation, AudioToolbox, UserDefaults, HTML, CSS, jquery, node.js, express.js, jest, SSH protocol, Rsync, FTP & SFTP, TCP & UDP, SQL, MySQL, SQLite, multithreading in the context of Java, App Store Connect, Git & GitHub, Maven, STATA & excel, OOP and design patterns including MVC and MVVM.

## Experience

### Solo Apps Currently Available:

**-CSV Flashcards:** A flashcard productivity app that allows users to import sets of flashcards to the app from spreadsheets, practice, and share decks they've created with their friends via social media. Integrates with Airdrop and Sharing.

#### LESSONS LEARNED

The CSV and TSV file formats are not exactly well defined. If I was to revisit this project I would A) choose another file format and B) overhaul the import-from-spreadsheet process. The app attempts to auto-parse spreadsheets into comprehensible flashcards, and while it does an OK job I'd prefer to allow users more freedom to parse their own information themselves.

**-Madaba Match:** A match game concept based on a bug I found in another similar game. Uses SpriteKit.

#### LESSONS LEARNED

Game design is its own skill set. Communicating complex information visually in the open ended context of a game is difficult without significant artistic talent and a strong creative vision. I'm proud of the game (and am currently rebuilding and refining it in Unity to release cross-platform), and I think it's fun, unfortunately I also think that as it is now it is too convoluted to be commercially successful, or even fun for most users.

### Academic Work:

**-Multiplayer Asteroids**

Worked in a team with one other programmer to implement online multiplayer, multithreading, and persistent highscores in an Asteroids game that had been coded by someone else.

**-Agent Based Modeling projects, and large data-analysis projects using STATA and Python**

## Education

The University of Denver 2022

Denver, CO, USA

Fullstack development bootcamp. Augmented existing skillset with Javascript, HTML, CSS, and related tools.

The University of Groningen 2016-2019

Groningen, The Netherlands

BA in Liberal Arts with a focus on Politics, Philosophy, and Economics

Thesis on the international trade of culturally significant goods.

Relevant coursework:

-Advanced Object-Oriented Programming (A+)

-Taught labs for an introduction to programming course.

## Employment History

### 1) General Sales Associate

Microcenter

Denver, Colorado

April 2022-Present

#### Job Description

Assist customers in solving a wide variety of technical issues. My particular area of responsibility is networking and networking equipment including Cisco, Netgear and Ubiquiti systems.

### 2) Founder/Managing Member

Colorado Masks Ltd.

Denver, Colorado

March 2020-2022

#### Job Description

Sourced and imported tens of thousands of disposable protective facemasks (including Kn95 masks) for local schools and nonprofits in Denver. Built and maintained the website and sales platform which paid for thousands of donated masks. Co-ordinated all logistics, both domestic and international. Managed all accounting.

### 3) Project Administrator

Mission Energy

Denver, Colorado

March 2020-June 2020

#### Job Description:

Temporary position. Aided in organizing and tracking the construction of utility-scale solar installations across several states. Tracked and managed data generated by existing projects.

### 4) English Teacher

ABIE, Nanjing

Nanjing, China

Aug 2019-Jan 2020

#### Job Description:

Taught English to children.