Nadiv Gold Edelstein

PO Box 270249
Louisville, CO 80027
(720) 235-7772
nadivge@gmail.com
nadivfolio.space

WORK EXPERIENCE

Data Structures Course Assistant

University of Colorado Boulder - *Course Assistant* January 2020 - Present

Assist students in CSCI 2270 Data Structures

Code Ninjas

Louisville - *Sensei* April - August 2019

Taught campers coding and computer science principles. Led and created summer camp sessions on Arduino for robotics

CU Boulder School of Ecology and Evolutionary Biology

Boulder — *Biologist Intern* Summers 2017 and 2018

2017 - Studied the effects of climate control on plants and plant reproductive feedback loops

2018- Studied change in glucocorticoid levels in mountain pika as an indicator of climate change

The Tech Talk Show

Tel Aviv — *B-Roll Editor Intern* January - May 2018

Edited footage for a show that reports on Tech Startups in Israel and around the world. They were subsequently picked up by Amazon Prime

Variaball Exercise Equipment

Louisville - *Prototype Fabrication* March 2015 - August 2017

Aided in the R&D for a startup making smart variable weight medicine balls and kettlebells. Developed specific tools to build prototypes as well as creating the means to manufacture the product at scale

EDUCATION

University of Colorado Boulder - Computer Science Major, TAM (Technology, Arts, and Media) Minor & Hebrew Minor
August 2018 - Present

Semester Abroad in Israel; American Jewish University
January-May 2018

Centaurus High School (Diploma); GED (2017)
2014-2018

COMPUTING QUALIFICATIONS

Java, Python, C++, JS, and select libraries (OpenCV, Pytesseract, React/Native)

Working knowledge of Linux Systems (Arch Linux, Debian)

Two years of IB/AP accredited level Computer Science Courses

Data Structures, Computer Systems, Software Development at CU Boulder

3D Printing

PROJECTS

MOIRÉ PATTERN REMOVER

Final project for IB Computer Science, used fourier transforms in an attempt to remove obstructions

OCR TEXTBOOK

To save money on textbooks, the script takes images of textbook pages, applies an ocr filter, and then builds the images and text into a PDF

LEAF AREA CALCULATOR

An ImageJ script that automates finding areas of leaves in scanned images. Developed for CU Boulder Ecology researchers

AWARDS

HackCU VI 2020 - 3rd Place Overall for Vido: a Video Summarization Platform

Hack CU V 2019 - Recipient of the Rapid API Prize for an embedded systems package solution

2019 Lucid Programming Competition - 3rd Place

University of Colorado - Boulder GOCO-NATURE KIDS 2017, 2018 Awarded the GOCO grant for environmental sciences and academic interest