

Nativ Gold Edelstein

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

WORK EXPERIENCE

Data Structures Course Assistant

Boulder – *Course Assistant* January 2020 - Present
Assisted students in CSCI 2270 Data Structures

Code Ninjas

Louisville – *Sensei* April - August 2019
Taught campers coding and computer science principles. Led summer camp session on Arduino for programming robots

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, Israel — *Editor, Stock Footage Marketer* January - May 2018
Edited footage for a show that reports on Tech Startups in Israel and around the world. They have since been picked up by Amazon

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 by developing 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++, and select libraries (OpenCV, Pytesseract)

Working knowledge of Linux Systems (Arch Linux, Debian, i3 wm)

Two years of IB/AP accredited level Computer Science Courses

Computer Science 1300, 2270 Data Structures at CU Boulder

3D Printing

PROJECTS

MOIRÉ PATTERN FIX

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 the area of a leaf in a scanned image. Developed for CU Boulder Ecology grad students

AWARDS

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

2019 Lucid Programming Competition – 3rd Place

Hack CU V 2019– Recipient of the Rapid API Prize