# Desmond W. Clay

Motivated. Trainable. Self-Teaching

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## ATTRIBUTES

- **Very fast learner**
  - **Quickly grasps new concepts**
  - **Easy to teach**
  - **Motivated to learn**

- **Analytical mind**
  - **Problem solver**
  - **Attention to detail**
  - **No presumptions without data**

- **Professional**
  - **Limits humor during crunch time**
  - **Engaged in conversation**
  - **Leadership capable**

- **Hygiene**
  - **Looks clean and ready to work**
  - **Freshly showered and groomed**
  - **Clean clothes** ○**Brushed teeth**

- **Health**
  - **Can move and work quickly**
  - **High coordination and dexterity**

- **Motivation**
  - **Always interested in gaining new skills and attributes**
  - **Has goals which require constant self improvement**

- **Honor**
  - **Recognizes and admits fault**   ○ **Honesty up front**
  - **Speaks up when required**       ○ **Ability to keep quiet**

## ABOUT DESMOND CLAY

I am always seeking new challenges and opportunities to grow.

My ability to learn and apply new knowledge quickly is my most leverageable quality.

In my free time I find myself thinking, reading, or working with projects.
Often I play music, study language, 3D printing, or  programming.

I am seeking employment that allows me to contribute to a team or mission and sustain w*h*ile I continue to build myself.

I believe that my passion for quality and obsession with absorbing and refining data would be a valuable asset.

## EXPERIENCE

**Freelance**

Leveraged diverse skills including 3D modeling, 3D printing, CAD, coding, website design, AI, and API integration to pursue freelance opportunities and enhance career prospects.

Developed and delivered custom solutions for clients, ranging from 3D projects to website development or AI implementations.

Demonstrated adaptability and resourcefulness in navigating a wide range of projects and technologies.

Managed project timelines and budgets effectively, ensuring timely delivery of high-quality work.

Proficient in various tools and technologies, including Python, Javascript, HTML/CSS; additional experience with Computer Vision, Machine Learning, Automation, and more.

Strong problem-solving skills, attention to detail, and ability to work independently or collaboratively as part of a team.

Excellent communication and client management skills, with a focus on understanding client needs and delivering solutions that exceed expectations.

Required to constantly improve research abilities.

Critical thinking for many hours straight.

**Instacart** — *Shopper & Delivery Driver*

Selected and gathered grocery items from various stores based on customer orders, ensuring accuracy and quality.

Demonstrated excellent time management and organizational skills to efficiently navigate stores and complete deliveries within specified timeframes.

Provided exceptional customer service by communicating effectively with customers and addressing any concerns or special requests.

Safely operated own vehicle to transport groceries and maintain a clean and sanitary delivery environment.

**Doordash** — *Driver*

Utilized the Dasher app to accept and fulfill food delivery orders, maintaining a 100% completion rate and achieving Top Dasher status.

Safely and efficiently navigate various routes to deliver orders to customers in a timely manner.

Managed cash transactions and maintained accurate records of earnings.

Demonstrated strong problem-solving skills to overcome challenges and ensure smooth delivery operations.

**Rome's Best Summer Camp, Rome** — *Coach*

Provide a safe, fun, and positive environment for children to go to during the summer months.

Ages range from ~5 - 12.

Supervise up to 30 children at a time.

Engage in and present ideas for activities.

Classroom & outdoor environment.

Responsible for safety, supervision, engagement, and disciplinary corrections.

Maintain a sanitary, non-chaotic, and pleasant space, despite the number of children.

**Thrifty Shopper, Rome** — *Associate II*

Key holder position. Responsible for opening/closing the store.

Daily tasks include running a register, pricing merchandise, sizing clothing, assisting customers.

Additional duties such as using a floor buffing machine, maintaining store cleanliness, COVID cleaning/sanitizing, etc.

**Harbor Freight Tools, Rome** — *Sales Associate>Sr. Sales Associate>Sales Supervisor*

Supervisor Position.

Responsible for maintaining store operations.

Prepare and supervise up to 8 cash register tills

Must prepare daily reports, using various sources to collect data.

Calculate sales goals. Generate a daily report.

Become knowledgeable about the store's products. Arm/Disarm store alarm system.

Prepare daily cash deposits.

### EDUCATION

## Mohawk Valley Community College, Utica — *International Studies*

My time attending MVCC gave me the opportunity to explore higher education while simultaneously immersing myself in a wide variety of cultures.

## Rome Free Academy, Rome — *High School*

BOCES: IT-Systems
No repeated years.
Focus on music.
Good grades.

The ability to teach myself new things is one of my greatest features.
My methods and philosophy on self-study continue to evolve.
I have a lot of quality time invested in the following areas:

**Programming:**
    Python | Data Science
    Linux | Pentesting
    Data Mining | Automation
    Machine Learning | Artificial Intelligence

**Music:**
    Guitar | Violin
    Piano | MIDI

**3D Printing:**
    Fine-Tuning | Remote Printing
    Large Prints | Cost/Time Estimation
    Prototyping | Order Fulfillment

**Design:**
    Vinyl | Heat-Transfer
    Ads/Brochures | 3D Models/Avatars
    Parametric Design | From Mind To Matter

## PROJECTS

## D-Net — *A Platform for Bots.*

D-Net platform serves as a home, database, and bridge for bots deployed online, in messengers, on Discord, and on the phone.

The API can serve data, handle authentication, and manage multiple instances of user-made AI Personas.

A GPT-powered model with access to live data can interact with users using speech or text.

## Tactical AI — *An AI to assist gamers.*

Built with Python, OpenCV, and Google's Text-To-Speech API, this AI recognizes objects and characters in a game environment, provides the player with tactical advice, and can even act on the player's behalf.

The CV model was trained to distinguish between friend or foe, using hours of Halo gameplay.

**Keystroke Injector** — *A small device that mimics a keyboard.*

> Built with a 'Raspberry Pi' Single-Board-Computer and Python, this device can mimic a user typing on a physical keyboard.

> A program is used to generate a coded script that any keyboard-compatible device will understand.

> Upon plug-in via USB, the generated script will send keycodes to the host machine. This project sets a foundation for creating custom keys or automation solutions.

**Eye Tracking** — *Track eye pupil movement.*

> Given video input, this program uses Computer Vision to focus on the eye region of each frame, applies various filters to extract only the pupil, and returns the coordinates.

> Additional functions could use detected pupil coordinates to control external devices.