

CHRIS VALENTE

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EDUCATION

Ramapo College

BS Computer Science - *GPA: 3.68*

Mahwah, NJ

Sep 2020 - Present

Montclair State University

BS Computer Science - *GPA: 4.0*

Montclair, NJ

Jan 2020 - Sep 2020

RELEVANT EXPERIENCE

School of Theoretical and Applied Science

Computer/Data Science Tutor

Ramapo College

Fall 2022 - Present

- Assisted Computer/Data Science students by walking them through coding assignments, or general topics of confusion that pertains to language syntax, or problem solving
- Taught a variety of languages; C++, Python, R for a range of courses including CS I/II, Data Structures, and courses pertaining to data visualization and manipulation

MCS Automation

Control Panel Wireman

Lakewood, NJ

Jun 2021 - Sep 2021

- Learned basic electrical concepts and wiring techniques
- Contributed as a part of the assembly and wiring of industrial control panels that were manufactured for large distribution clients such as UPS, Amazon, and Newark Airport

SKILLS

Programming Languages:	Python, C++, R, Javascript, C, HTML, CSS, SQL, MATLAB
Additional Skills:	Git, Linux, Data Visualization, Databases, APIs, Data Structures
Relevant Modules/Packages:	Pandas, Numpy, Matplotlib, MongoDB, SQLite3, FastAPI, Flask
Relevant Coursework:	Data Structures, Operating Systems, Data Analysis, Scientific Problem-Solving
Currently Learning:	Machine Learning, React, Typescript
Languages:	English (native), Swedish (conversational)

PROJECTS

cval.io *HTML, CSS, Javascript, APIs*

Personal website that was created as an extension of my resume, and is continuing to be modified and updated as my skills progress. The site is themed based on the viral Wordle game, and also contains a hidden page that has my own custom version of the game which is playable, and uses an API to generate a new word, as well as cross-check to make sure that the user has input a valid word.

babyGENIUS *Python, PyQt5, Tkinter, APIs*

Simple desktop application that connects to a users Spotify account to detect currently playing songs, with the goal of quickly fetching the lyrics to those songs, and displaying them to the screen, eliminating the need to constantly Google lyrics. It also has a search feature, where you can look up songs and queue them to be played on an active Spotify device.

Top Charts Analysis *R, R Studio, Markdown, Tidyverse (ggplot), CSV*

A completed analysis of a dataset consisting of top charted songs over the last decade. Ultimately ended up doing exploratory visualization of the data to find trends, as well as ultimately fitting a logistic regression model to predict what songs were likely to chart high for reasons determined by the model.

FunBot *Python, APIs, discord.py*

A chatbot used in a few small Discord servers that both moderates the server and provides extensive services to a user. FunBot implements several different APIs in order to keep a user up to date with information they want to know such as definitions of words, as well as functionality such as DMing the user reminders, running polls, playing music, and much more.

Tinder Profile Analysis *Python, Pandas, Matplotlib, Jupyter, Markdown, JSON*

A data analysis on a sample of Tinder profiles from the NYC area. The project aimed to take a look at trends found by comparing finds on certain attributes of a users Tinder profile between males and females as well as combining the two. Attributes compared include users bio length, and interests.

Hey! *React, Javascript, Express*

Social platform for language learning enthusiasts that allow users to match with each other similar to Tinder by right or left swiping on eye-catching profiles in regard to native and target languages. Currently in development and am making as a proof of concept.