Sebastian Ashcallay

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SKILLS PROFILE

- Bilingual: Proficient in Spanish and English
- Knowledge of Python, OCaml, and Java programming languages
- Knowledge of Bash, Git, and PostgreSQL (Relational Databases)
- Knowledge of HTML and CSS (Responsive Web Design)
- Competent in receptionist duties
- Tutoring Experience

EDUCATION

University of Maryland, College Park, MD   January 2024 – Present
- Major: Computer Science   Bachelor's Degree
- Minor: Mathematics

Montgomery College, Rockville, MD   August 2022—December 2023
- Major: Computer Science   Associate's Degree (4.0 GPA)
- Maryland Transfer Advantage Program (MTAP)
- Graduated with Honors

HONORS

Dean's List (UMD — College of Computer, Mathematical and Natural Sciences)	2024
Frank L. Verwiebe Award (Engineering, Physical, and Computer Science Dpt.)	2023
Dean's List (Montgomery College)	2023
Award in Spanish Proficiency (Richard Montgomery High School)	2022
International Baccalaureate Diploma	2022
State of Maryland Seal of Biliteracy	2022

CERTIFICATIONS

Relational Databases, FreeCodeCamp   Issued: July 2024
- Bash Scripting
- Git
- PostgreSQL

Responsive Web Design, FreeCodeCamp   Issued: August 2024
- HTML
- CSS

WORK EXPERIENCE

Ethridge, Quinn, Kemp, Rowan & Hartinger (Law Firm), Rockville, MD

Receptionist   April 2023—January 2024
- Receive and attend in-person clients (Spanish/English)
- Answer calls and take messages from current and potential new clients (Spanish/English)
- Sort and distribute mail for 10+ lawyers
- Hand-deliver documents to court
- Maintain reception area clean and organized
- Supervise business-related services: equipment maintenance, hauling, shredding

Varsity Tutors (Remote)

Tutor (Spanish, Calculus, Programming)   June 2024 — Present

- Meet weekly with students in one-to-one sessions.
- Spanish II Tutoring:
    - *Lesson plans are written and shared in both Spanish and English.*
    - *Conversational lessons focus on sentence development and grammar use*
    - *Homework is distributed into vocabulary, reading comprehension, and listening activities.*
    - *Practice conversation prompts in different contexts: shopping, celebrations, etc.*
    - *Establish a communication medium outside the classroom to answer any student inquiries.*

PERSONAL PROJECTS

Video-Assistant Referee (VAR) Analysis (Sports)

England's Premier League Project   February 2023 — May 2023

Programming Language: Python
Other Languages Used: HTML, CSS, Javascript
Role: Co-creator, Web Designer

- Built 4 Python programs to assess and display the impact of video-assistant refereeing in England's first-tier soccer competition: the Premier League.
- Programs generated animated bar and plot graphs, with data being scraped from ESPN and stored in a remote CSV file on GitHub. Used [numpy] and [matplotlib] to create the animations.
- [Personal] Created a website to showcase the first 3 programs. Used Javascript for better responsive feedback and published my GitHub-stored HTML and CSS files using Netlify.
- **Modules:** requests, html2text, matplotlib, pandas, numpy

Peru's Liga 1 Tournament Project   June 2024 — Present

Programming Language: Bash, PostgreSQL
Role: Creator

- Built a PostgreSQL database that contains tables for video-assistant refereeing decisions, decision types, tournament games and participating teams.
- Translated data from Sofascore to create feeding CSV files for the database.
- Built a Bash script to manage this database. The local script is used to access and query from the database. The script also accounts for different purposes: building, restoring, updating, and printing information.