

**Sebastian Ashcallay**  
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## SKILLS PROFILE

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- 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

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<b>University of Maryland</b> , College Park, MD	January 2024 – Present
▪ Major: Computer Science	Bachelor's Degree
▪ Minor: Mathematics	
<b>Montgomery College</b> , Rockville, MD	August 2022—December 2023
▪ Major: Computer Science	Associate's Degree (4.0 GPA)
▪ Maryland Transfer Advantage Program (MTAP)	
▪ Graduated with Honors	

## HONORS

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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

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<b>Relational Databases</b> , FreeCodeCamp	Issued: July 2024
▪ Bash Scripting	
▪ Git	
▪ PostgreSQL	
<b>Responsive Web Design</b> , FreeCodeCamp	Issued: August 2024
▪ HTML	
▪ CSS	

## WORK EXPERIENCE

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<b>Ethridge, Quinn, Kemp, Rowan &amp; Hartinger (Law Firm)</b> , Rockville, MD	
<i>Receptionist</i>	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

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### 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.