

Sebastian Ashcallay

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SKILLS PROFILE

- Bilingual: Proficient in Spanish and English
- Knowledge of Microsoft Office: Word, PowerPoint, Excel, and Outlook
- Knowledge of Python, C, OCaml, and Java programming languages
- Proficient in Math (Calculus I & II, Differential Equations, Linear Algebra)
- Easily adaptable and fast-paced learner of technical skills
- Competent in administrative tasks as a receptionist
- Tutoring Experience

EDUCATION

University of Maryland, College Park, MD

January 2024 – Present
Bachelor's Degree

- Major: Computer Science

Montgomery College, Rockville, MD

August 2022—December 2023
Associate's Degree (4.0 GPA)

- Major: Computer Science
- Maryland Transfer Advantage Program (MTAP)
- Graduated with Honors

Richard Montgomery High School, Rockville, MD

Graduated: June 2022

HONORS

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

CLUBS AND ORGANIZATIONS

Montgomery College, Rockville, MD

Raptors Who Code (Member)

October 2022—December 2023

- Attend weekly meetings and HTML and CSS workshops
- Attend guest speaker events

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 the whole firm
- Hand-deliver documents to court
- Maintain reception area
- Supervise business-related services such as equipment maintenance, hauling, shredding, and inventory restocking

VOLUNTEERING EXPERIENCE

Generation Z Tutoring, Montgomery Co., MD

Spanish Tutor (K-12)

October 2021—May 2022

- Met weekly with students (Grades 1 and 3).
- Taught students to spell, speak, and write Spanish words; worked on sentence development.
- Created flexible lesson plans to meet each student's needs and skill level.
- Created worksheets and printable activities for homework; assigned between each weekly meeting.
- Developed and guided through a short story project to improve my students' writing skills.
- Conducted listening and spelling reviews/tests.
- Established a communication medium outside the classroom to answer any student inquiries.

PERSONAL PROJECTS

Video-Assistant Referee (VAR) Analysis (Sports)

Rockville, MD

2023

Programming Language: Python

Group Members: Sebastian Ashcallay (Me), Hassan Wasim (current University of Maryland student)

- Created three programs that assessed the impact of video-assistant refereeing in one of the most prestigious soccer leagues worldwide: The Premier League.
- Implemented modules for web scraping (from ESPN), CSV processing (from GitHub), graph plotting, and graph animations.
- Created animated linear and bar graphs that display compared team-specific net results of VAR calls per season, team-specific point evolution over the past five seasons, and parameterized VAR effects on teams per season.

RELEVANT COURSEWORK (STEM)

Completed Courses

- Calculus I & II, Differential Equations, Linear Algebra, Java Programming, Object-Oriented Programming I & II, Python Programming, Computer Science II, Intro to Computer Systems, Discrete Structures, Algorithms, Organization of Programming Languages