

# Caroline Pastrano

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Austin, TX

**EDUCATION** **University of Texas, Austin** **May 2026**  
Master of Science, Information Studies  
conc. UX, Human-Computer Interaction

**University of Texas, Austin** **May 2024**  
Bachelor of Science, Neuroscience  
Elements of Computing Certificate, Minor in Philosophy  
Overall GPA: 3.78

**WORK EXPERIENCE** **UT Supplemental Instruction** **August 2024 - Present**  
*Graduate Assistant*

- Train student academic leaders in effective group facilitation techniques
- Analyze data regarding student satisfaction and academic outcomes
- Collaborate with program coordinators in completing various administrative tasks

**UT Sanger Learning Center** **August 2022 - May 2024**  
*Peer Tutor*

- Tutored UT students in biology, chemistry, and computer science
- Supervised small group drop-in tutoring sessions
- Mentored underclassmen in developing effective study habits and adjusting to university life

**Jara-Oseguera Lab, UT Austin** **December 2021 - May 2024**  
*Research Assistant*

- Conducted patch clamp experiments on temperature sensing ion channels in cells
- Cleaned and visualized electrophysiological data from experiments

**UTCS Summer Academies** **June 2021 - July 2021**  
*Program Assistant*

- Taught high school students to program in C++ and use an Arduino simulation
- Facilitated group work and collaboration in a virtual setting

**PROJECTS** **Independent Video Game** **September 2023 - December 2023**  
Designed and developed graphical user interface for an independent video game, created all art assets, collaborated with a team of four to program and implement functionality, conducted playtesting sessions and user interviews

**CapMetro Usability Study** **September 2024 - December 2024**  
A usability study conducted on the app for CapMetro, Austin's public transportation service. Consists of a heuristic evaluation, competitive analysis, and user testing.

**SKILLS** **Technology:** Python (Pandas, NumPy, Matplotlib, Scikit-Learn), HTML/CSS/ Javascript, MySQL, Microsoft Office Suite, Zoom, Canvas LMS

**Design:** Figma, Adobe Illustrator, Adobe Photoshop

**Research:** Usability testing, data analysis and visualization

**COURSEWORK** **Undergraduate:** Data Visualization, Data Analytics, Software Design, Databases, Game Development

**Graduate:** Visual Design, Usability, UX Prototyping, Interaction Design, UX Hardware Design