

Lucia Alday

Cell: (520) 468-1434

Email: luciaalday03@gmail.com

Github: luciaalday

LinkedIn: lucia-alday

Education

University of Arizona | 3.35/4.0 | Computer Science B.S.

Expected Graduation: May 2026

Skills

- Python, C/ C++, Java, HTML/CSS, SQL, Javascript, MIPS Assembly, Verilog, JUnit Testing, GitHub, and Matlab
- Canva, Adobe Creative Cloud, Illustrator, Photoshop, InDesign, Express, and Dreamweaver
- Google Suite, Docs, Slides, Sheets, and Forms; Microsoft Word, Excel, and PowerPoint
- fluent in English and Spanish

Awards

National Hispanic Scholar | Hispanic Scholarship Fund

2022, 2023, 2024

- Selected as one of 10,000 outstanding students in the US based on grades and community involvement

Commendation | TMU Thrill Design Invitational

2024

- Team commended for technical integration at thrill design competition hosted by Universal Studios Orlando

Projects

- Research Paper presented at International Telemetry Conference (ITC): Exploring the Integration of Machine Learning and Animatronic Attention
- Wavelength Analysis of Elemental Composition of Halley's Comet and McNaught's Comet Using Jupyter Notebook
- Task Manager Application made using TkInter including functions to nest assignments and sort by different attributes

Internship Experience

Website Developer Intern | Town of Marana

June 2023 - August 2023

- Work on full-stack development for an application tracking ticket status using React, Node.js, and SQLite

Automated emails to be sent based on user preferences within 3-5 minutes of status changes

Website Developer Intern | University of Arizona College of Nursing

January 2024 - May 2024

Department: Asthma & Airway Disease Research Center

- Tailor information to be digestible, informative, and available in English and Spanish
- Develop creative graphics, flyers, and other promotional materials using Canva, Adobe InDesign and Illustrator

Professional Experience

Graphic and Web Designer | University of Arizona College of Nursing

June 2024 - Present

Department: Asthma & Airway Disease Research Center

- Design and develop www.uahealthconnectforschools.org to aid new school program enrollment and provide local health resource flyers and other health and program information as well as create maintainability structures
- Maintain Arizona Asthma Coalition website by fixing errors and keeping materials up to date
- Prepare graphic design layouts using Canva and Adobe InDesign to create promotional and informational materials
- Provide feedback and edits on intern designs to cohesive deliverables in the form of presentations and flyers
- Attend weekly meetings, perform administrative tasks such as sending weekly meeting invites, agendas, and notes

Lifeguard and Swim Safety Instructor | City of Tucson

June 2021 - August 2025

- Ensure the safety of patrons including through thorough documentation of weather and water conditions
- Teach and plan 30-60 minute swim lessons and swim team practices to children ages 6 months to 17 years, including to children with intellectual disabilities

On-site Summer Instructor | iDTech

June-July 2024, 2025

- Prepared and created new content to complement existing lessons to suit diverse skill levels within classes of 5-12 children in Adobe Animate, Photoshop, Python, BattleBots Jr., and Scratch

Outreach Specialist | Flandrau Science Center Earth Science Discovery

August 2023 - December 2023

- Provided interactive 20 minute presentations on aspects of geology, hydrology, and microbiology.
- Targeted presentations to groups of 3-7 children in grades 3-6, adapted material to suit prior knowledge

Volunteer & Extracurricular Experience

Outreach/Events Coordinator | University of Arizona Theme Park Entertainment Group

November 2024 - Present

- Ideate, design, and launch first Design-a-thon where members compete and present on high-level design topics
- Manage social media accounts for Instagram, LinkedIn, Discord, and Gmail to send weekly event/project reminders

Swim Coach | Special Olympics Arizona

June 2022 - October 2023

- Coach intellectually disabled athletes aged 11-65 in swimming through various effective communication strategies
- Accompany athletes to city- and state-wide swim competitions annually, acting as coach, caretaker and advocate