

# Alexis Cobo, Ed.D.

aecobo@gmail.com | [www.alexiscobo.com](http://www.alexiscobo.com) | Boynton Beach, FL

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## EDUCATION

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### University of Florida, Gainesville, FL

Doctor of Education

- Ed.D. Curriculum & Instruction in Educational Technology, Specialization, Computer Science Education
- Dissertation Title: Creating Pathways to Inclusion in K-12 Computer Science Education: A Case Study on the Scratch Educator Meetup

### Jewish Theological Seminary of America, New York, NY

William Davidson Graduate School of Jewish Education

- Master of Arts in Jewish Day School Education

### University of Florida, Gainesville, FL

- Bachelor of Arts in Jewish Studies

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## PROFESSIONAL EXPERIENCE

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### University of Florida, College of Education, Postdoctoral Researcher Jan 2025 - Present

- Convene and steward cross-sector stakeholders as a primary operational leader for the statewide K-12 AI Task Force; direct external communications, deliver presentations to diverse stakeholder groups, and architected the comprehensive public website to scale statewide guidance resources.
- Facilitate community-led design and capacity-building processes for a Gates Foundation-funded 18-month initiative (SPARK Project); lead needs assessments, research, and policy analysis across six Florida school districts representing diverse ecosystems (large urban, small rural, small city) to measure AI policy and implementation readiness.
- Translate complex priorities into scalable educational strategies by directing the full lifecycle development of two mission-critical K-12 micro-credential programs focused on AI and inclusive pedagogy in computer science education.
- Cultivate and manage high-level relationships with school district leadership teams across Florida, Illinois, and New York, delivering strategic priority workshops and developing a systems-level framework to evaluate district capacity for expanding student access.
- Utilize data to drive strategic decisions and align learning outcomes with national educational standards while managing cross-functional content creators and project objectives.

### Computer Science Teachers Association | Project Manager & Research Analyst April 2025 - Present

- Drove cross-sector project management and strategic analysis on the national CSTA Teacher Landscape Survey in close collaboration with the Kapor Center and AIICE Alliance Affiliates to identify systemic needs in the educational ecosystem.
- Designed and implemented an equity-focused evaluation study funded by a US Department of Education EIR grant, investigating early-stage implementation models and ongoing structural support for elementary teachers integrating new curricula post-professional development.

### Raspberry Pi Foundation | Commissioned Author & Consultant May 2025

- Translated values into actionable pedagogy by authoring Universal Design for Learning: Reaching All Learners, establishing frameworks to manage cognitive load and enhance digital accessibility.

### CSforALL, Research Associate June 2023 - Dec 2024

- Led cross-functional execution and project management as Principal Investigator (PI) for National Science Foundation (NSF)-funded projects, managing full-scale grant writing, research design, and program evaluation efforts.
- Connected the dots across complex systems to evaluate program effectiveness; implemented rigorous analytical methodologies to ensure findings were valid, reliable, transparent, and digitally accessible for diverse community and institutional stakeholders.
- Collaborated across national networks to align research objectives with scalable pathways aimed at improving long-term outcomes and systemic equity for students in high-need contexts.

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## Creative Technology Research Lab | Graduate Research Assistant

Fall 2020 - Fall 2023

### University of Florida,

- Provided critical technical assistance and strategic alignment across multi-institutional Research-Practice Partnership (RPP) collaborations, bridging the gap between academic research, district administrative priorities, and community outcomes.
  - Developed and executed human-centered data instruments, including comprehensive survey instruments and qualitative interview protocols, to track stakeholder progress and capture community-level feedback.
  - Utilized mixed-methods data analysis (including qualitative analysis of instructional design plans and descriptive statistics on pre/post-intervention surveys) to craft data-driven reports and local blueprints that demonstrate program impact.
  - Championed public engagement and asset development by curating web-based resources and translating project learnings into accessible formats disseminated via digital platforms and national conference presentations.
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## K-12 TEACHING EXPERIENCE

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### Director of Educational Technology & Innovation

June 2021 - June 2023

Donna Klein Jewish Academy, Boca Raton, FL

- Managed daily IT operations and strategic planning for K-12 infrastructure.
- Pioneered the development and implementation of a K-12 curriculum spanning Educational Technology, Computer Science, and Innovation.
- Oversaw teaching faculty members, including professional development and performance.

### Senior Curriculum Developer

Oct 2020 - Feb 2021

Code Ninjas, LLC, Remote

- Designed auxiliary curriculum for programs such as summer camps for 300 franchisees in US/Canada/UK.

### PreK-5 Computer Science & Technology Specialist

Aug 2015 - Oct 2020

Pine Crest Preparatory School, Boca Raton, FL

- Developed and delivered a comprehensive PreK-5 Computer Science and Educational Technology curriculum.
- Guided faculty in integrating CS and digital fluency skills into diverse core subjects.

### PreK-5 Academic Technology Specialist

Aug 2012 - June 2015

North Broward Preparatory School, Coconut Creek, FL

- Developed and delivered a comprehensive educational technology curriculum from PreK-5.
- Assisted the Director of Educational Technology in implementing teacher professional development.

### Media Center & Kindergarten Teacher

Aug 2010 - June 2012

Donna Klein Jewish Academy, Boca Raton, FL

- Aligned K-4<sup>th</sup> grade curriculum to AASL Standards.
- Piloted iPad curriculum to support technology integration from K-4
- Delivered Kindergarten instruction.

### 5th Grade English & History Teacher

Jun 2007 - Jun 2008

Donna Klein Jewish Academy, Boca Raton, FL

- Implemented an interdisciplinary curriculum for 5<sup>th</sup> grade students.

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## UNIVERSITY TEACHING EXPERIENCE

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**Instructor of Record - University of Florida, College of Education, Gainesville, FL** **Fall 2025 - Present**

EDA6271 - Technology Leadership for School Leaders

- Deliver asynchronous instruction for master level students who wish to learn educational theory to navigate the technology landscape addressing data privacy, sustainability, digital literacy, and change theory in K-12 settings.

**Guest Lecturer - Mercer University, College of Education, Atlanta, GA** **Spring 2025**

EMAT621 - Curriculum and Instruction in Elementary Education

- Session Title: Elementary Educational Technology: Reaching All Learners
- Engaged students in introduction to UDL, HLPs, and accessibility in K-5 general education

**Guest Lecturer - University of Florida, College of Education, Gainesville, FL** **Spring 2021**

EME4401 - Integrating Technology into Elementary Education

- Session Title: Introduction to Computational Thinking
- Provided students with interactive overview of computation thinking in the context of K-5

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## PROFESSIONAL APPOINTMENTS

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**EDSAFE AI Alliance** **Jan 2025 - Jan 2026**

Women in AI Fellow

- Year-long fellowship to support leaders who impact policy, research, and practice to enable an ethical AI ecosystem.

**AccessComputing** **Jan 2024 - Present**

Partner Member

Engage with other partners in monthly online meetings to support and mentor students with disabilities

**Computer Science Teachers Association**

Policy Committee Co-Chair, 2023-Present

- Lead the development and adoption of identity-inclusive and data-driven CSTA endorsed policy recommendations.
- Designed a CS teacher toolkit to empower members to advocate for policies at the local and state level.

K-12 Standards Writing Advisor, 2024 - Present

- Provide technical assistance to inform the overall revision process and direction, as well as offer regular feedback and resolve outstanding questions on CSTA K-12 standards revisions.

**GBH Kids, PBS Kids, and Pipeline Studios** **Spring 2021 - Spring 2022**

Educational Advisor

- Review television scripts for universal design and culturally relevant computational thinking content for PreK-1st grade audience throughout character/plot development on production of Work-It Out WOMBATS!
- Show credits: "Crab Roll" & "Show & Smell"

**AI4K12** **Fall 2019 - Spring 2023**

Grade-band 3-5 Working Group

- Provided technical assistance for the drafting, editing, and revisions of the grade band 3-5 guidelines of the Five Big Ideas in AI.
- Support social media, cross-partnership promotion, and activities development

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## SERVICE AND OUTREACH

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### Peer Reviewer

Present

- National Science Foundation
  - Journal of Research on Technology Education
  - Association of Computing Machinery (ACM) Transactions on Computing Education
  - EAAI K-12 Paper Track
  - ACM SIGCSE Reviewer
  - ACM RESPECT Reviewer
  - University of Florida Journal of Undergraduate Research
  - Scratch Conference Proposals
  - CSTA Conference Proposals
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## SERVICE AND OUTREACH CONTINUED

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### ACM SIGCSE-RESPECT Conference

- Accessibility Chair, 2025
- Accessibility Co-Chair, 2026

### Scratch Foundation

Fall 2018 - Fall 2024

- Creating Pathways Scratch Educator Meetup Organizer
- South Florida Scratch Educator Meetup Organizer

### Pine Crest Preparatory School

Aug 2015 - Oct 2020

- First Lego League Robotics Coach & Tournament Organizer
  - Innovation Institute Professional Development Facilitator
  - Google Summit Chair
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## AWARDS AND HONORS

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1. STARS Broadening Participation in Computing (BPC) Research Scholar (\$1500), 2023 - 2024
  2. Computing Research Association (CRA) Grad Cohort for Women, 2022
  3. Mentor Award, South Florida First Lego Robotics League, 2018
  4. Growing Our Academic Leaders (GOAL) Cohort, Pine Crest Preparatory School, 2017-2018
  5. University Scholars Program, University of Florida (\$1000), 2003-2004
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## PROFESSIONAL AFFILIATIONS

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- Association for Computing Machinery (ACM), 2022 - Present
  - SIGCSE, 2024 - Present
  - SIGACCESS, 2025 - Present
- American Educational Research Association (AERA), 2023 - Present
- Council for Exceptional Children (CEC), 2022 - Present
- Computer Science Teachers Association (CSTA), 2015 - Present
- International Society for Technology in Education (ISTE), 2010 - Present