

# Safiyah Badahdah

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## Education

University of Colorado Denver

Aug 2019 – May 2024

Computer Science, B.A.

- **GPA:** 3.88
  - **CS Coursework:** Object Oriented Programming, Data Structures & Program Design, Database System Concepts, Algorithms, Intro to Software Engineering, Java App Development for Android, Probability and Computing, IoT: Sensing, Communication, and Control, Fundamentals of UNIX, Computational Motor Control, Shader & GPU for AI applications
  - **Math and Science Coursework:** Calculus II, Physics I: Calculus Based
  - **Digital Design Coursework:** Design Studio I, Motion Design I, Typography Studio
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## Skills

- Programming languages: Python, Java, C++, SQL, HTML
  - Certified by Dassault System in Solidworks and Knowledgeable in AutoCAD
  - Proficient in Adobe Illustrator, Photoshop, InDesign, and Dimensions, Android Studio
  - Portfolio: <https://sbadahdah.github.io/Portfolio/>
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## Experience

University of Colorado Denver

Aug 2023 - Current

Teaching Assistant for ENGR 1100: Fundamentals of Computational Innovation

- Facilitated student learning in computational thinking and programming through individual and group assistance.
- Ensured fair grading, assessing students' understanding of course content, providing constructive feedback when needed.
- Led struggling students through exercises in practical applications and programming during class time.
- Prompted students in thinking through troubleshooting technical issues related to programming and technology, ensuring a seamless learning experience.

University of Colorado Denver Campus Activities Team

Aug 2021 – May 2023

Student Events Programmer

- Orchestrated and managed diverse events for up to 300 college students, introducing innovative ideas to significantly enhance the student experience and drive attendance.
- Oversaw event logistics, including booking event spaces, arranging catering, and adapting quickly when challenges arose.
- Aligned event objectives with Campus Activities Team goals through collaborative planning with team members.
- Staffed events and managed various operational tasks.

Prairie Crossing Elementary BASE Program

Aug 2019 – Aug 2021

Program Aide / Program Leader

- Excelled as Program Aide and was promoted to a Program Leader after a year.
- Supervised and supported a diverse group of up to 70 students in grades K-6, ensuring a safe and positive environment.
- Mediated conflicts and actively promoted positive interactions among participants, fostering a cooperative atmosphere.
- Organized and implemented engaging games, crafts, and activities, contributing to the overall enrichment of the program.
- Adapted and implemented sanitation protocols to prioritize health and safety, addressing evolving needs.

The Home Depot

Oct 2018 – Mar 2019

Cashier

- Efficiently processed orders while maintaining excellent customer interactions, showcasing speed and customer service skills.
- Successfully resolved customer complaints and issues, offering discounts with manager approval, ensuring customer satisfaction.
- Persuasively encouraged customers to open Home Depot credit cards, contributing to increased customer loyalty.

King Soopers

Oct 2017 – Aug 2018

Cashier / Courtesy Clerk

- Demonstrated strong work ethic and aptitude, earning rapid promotion from Courtesy Clerk to Cashier.
- Managed various tasks including organizing carts and assisting customers.
- Developed money management, customer service, and problem-solving skills.