

CHRISTOPHER THOMAS ROY

1923 WATERFORD DR. | GRAPEVINE, TX, 76051

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[Website/Merit Page](#)

Objective

Motivated and detail-oriented architecture student seeking an internship opportunity to apply design skills, technical knowledge, and passion for sustainable architecture in a collaborative and innovative environment.

Education

Bachelor of Architecture

University of Arkansas, Fayetteville, Arkansas

Expected Graduation: May, 2027

- Cumulative GPA: 3.838
 - Relevant coursework: Fundamental Design Skills and Methods, Design Thinking I & II, Architectural Design I-VI, Comprehensive Studio, Building Materials, Environmental Technologies I & II, History of Architecture I-III, Architectural Theory, and Systems Integration, Advanced Architectural Studies: Mid-Century Modernism, and Critical Regionalism
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Skills

- **Design Software:** Climate Studio, Rhino, Adobe Creative Suite (Photoshop, Illustrator, InDesign)
 - **Rendering Tools:** Twin Motion
 - **Technical Skills:** Construction documentation, 3D modeling, hand drafting, and site analysis
 - **Soft Skills:** Collaboration, attention to detail, time management, and problem-solving
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Projects

Tower Project (strictly practicing design elements) | Academic Project (Freshmen Year)

A design project that builds upon the foundational skills students have honed in earlier exercises, focusing on form, space, color, line, composition, and contrast. This project challenges students to apply these principles, along with their hands-on craftsmanship, to create a 5-foot-tall tower. In this design I learned how to thoughtfully address the interaction between the structure and the ground level, constructing the project out of

chipboard and bass wood. Overall this project is showcasing a seamless blend of artistic expression and technical skill honing in on our curiosity and experimentation.

Learned to apply design principles focusing on form, space, color, line, composition, and contrast. Utilized my craftsman skills to construct a model (chipboard, wood, etc.) Developed the ability to thoughtfully address the interaction between the structure and the ground level, as well as its relationship to the sky, showcasing a blend of artistic expression and technical skill.

Community Center | Academic Project (Freshmen Year)

Designed an alternative 4,000 square foot community center for downtown Springdale, utilizing elements of the existing community center. Design of the alternative center included both interior and exterior spaces that created a welcoming and multifunctional environment for residents and visitors, with the goal of addressing the prominence of its central location, connecting Spring Creek, the Greenway, and Meadow Avenue. Gained knowledge of how well programmed exterior spaces complement the activities of the primary structure.

Museum Design | Academic Project (Sophomore Year)

The Museum Design project located next to the Fayetteville Public Library, introduces the idea of roof making and how to make a complex designed roof possible using structural parts like: steel truss systems, wood framing systems, and concrete form based systems that we were taught throughout the semester.

Public Building Precedent Study | Academic Project (Sophomore Year)

The precedent study's initial phase focused on the Benin National Assembly, showcasing its innovative approaches to natural ventilation, circulation, and communal spaces. A formal analysis was conducted on the site's location, emphasizing how these findings informed the project's design. The Benin National Assembly served as a compelling example, demonstrating how section and spatial section relationships could be effectively utilized to enhance natural airflow, optimize movement, and foster community interactions.

Performing Arts Center | Academic Project (Sophomore Year)

Building on insights from the precedent study, the performing arts center project emphasized circulation patterns, building materials, and solar exposure. Its design aimed to shelter individuals from the elements while promoting natural heating and directing movement through a primary grand stair. Inspired by the stack and void sectional strategies of the Benin National Assembly, the performing arts center connects people vertically via the main stairway, dispersing them outward in a radiating

pattern. Natural lighting is addressed through louvers, creating a safe and warm indoor environment for performers, all while harmonizing with the surrounding St. Louis urban fabric.

Mar Vista Precedent Project | Academic Project (Junior Year)

Research and documentation of an existing architecture within its immediate urban context, and a narrative exploration of its occupancy and use. You will develop a spatial, tectonic, and narrative understanding of your individually assigned house by utilizing the documentation provided to build three models

Multi-family House Project | Academic Project (Junior Year)

Building upon the spirit of California's new accessory dwelling unit (ADU) and inclusionary zoning laws, design two new dwelling units for the Mar Vista lot you documented in Assignment 1 and adapt the original Ain-designed mid-century single-family home to suit the needs of contemporary users. Your proposal must take into account each individual dwelling's need for access, privacy, outdoor space, light, and air, while also creating opportunities for social exchange in shared outdoor (and possibly indoor) spaces.

Housing Complex Project | Academic Project (Junior Year)

First to devise an urban design framework for Mar Vista, consisting primarily of medium-density multi-unit housing, and second, to develop a detailed architectural design proposal for a portion of your urban design framework.

COTE Competition Project | Academic Project (Junior Year)

Located in New York City, Manhattanville, building on top of the existing Columbia College. Students were tasked with fulfilling the COTE Principles of the student ACSA COTE Competition, creating an educational building that existed between the old and new Urban City Fabric, and acknowledged Code Compliances including, structure requirements, FAR, set-backs, and etc.

Integrated Design Studio | Academic Project (Senior Year)

The IDS Studio focuses on the idea of synthesis and integration with all the topics the students have been learning from the first semester (Design Foundations) to the most recent (COTE Competition). Students were tasked with designing a Food Learning Center in Luther George Park, Springdale Arkansas, using AI workflows, studying cultural needs and backgrounds, and creating a building that integrates the systems of a building including structure, HVAC, and Plumbing. Pairing these systems with passive approaches that best fits the needs of the historic district of the city.

Awards and Honors

- Texas Science and Engineering Fair Semi-Finalist, 2022
- End of the Year Exhibition, one chosen project, 2024
- End of the Year Exhibition, two chosen projects, 2024
- Top 12 IDS Competition Finalist, 2025
- Dean's List: Fall 2022, Spring 2023, Spring 2025, Fall 2025
- Chancellors List: Fall 2022, Spring 2023
- C. Murray Smart Rome Endowed Travel Award - ARCH student who has completed and excelled in the three required history courses. To be used for approved Rome study semester. Received Fall 2025
- John K. and Carol Baer Mott Endowed Scholarship - ARCH student; capable student; great potential; to be used for one of the approved international studies programs; financial need. Received Fall 2025

Work Experience

EDP Site Aide - Seasonal Temp at GCISD Extended Day Program (EDP)

Responsible for assisting the Site Coordinator in implementation of the extended care programs daily activities at their individual site; supervision of the children in the program; and the communication with students, staff members, and parents. This position will assist with the Extended Day Program Day Camps held over the school breaks and summer. Hours may vary from 7:00 a.m. - 5:30 p.m. Monday through Friday, May 2022 - August 2022

After School Site Aide (Kidzu) at GCISD Extended Day Program (EDP)

Responsible for assisting the Lead Coordinator in implementing the Extended Care Program. This includes preparing and leading daily activities, safety, and supervision of all children, and communicating with and building student relationships, April 2022 - May 2022

Extracurricular Activities

- Recreational Soccer from 2008- present
- 10+ Volunteer Hours, GivePulse Volunteering, 2023
- Club Ultimate Frisbee, University of Arkansas, 2022-2023
- Recreational Fayetteville Disc Association, 2022-2023

Interests

- Sustainable architecture; including natural cooling methods and the use of renewable materials, phenomenological and philosophical architecture, AI architecture vs the current architectural age
- Philosophy of Architecture: What is the meaning of building and how do we design?

References

Available upon request