

Jack T. Norris

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EDUCATION

College of Engineering, University of Arkansas

Cumulative GPA: 3.98/4.00

Major: Honors Computer Science

Graduation: May 2024

Minors: Mathematics & Finance

Awards & Accomplishments

- 2024 UARK Razorback Classic
- 2023 NSF REU Recipient
- 2023 RazorHacks CTF Winner
- 2023 Arkansas Governor's Cup Winner
- 2022 SURF Grant Recipient
- 2023 Arkansas Governor's Cup Winner
- 2020 UARK Honors College Fellow & Governor's Distinguished Scholar
- 2020 Walmart & J.B Hunt Hackathon | 1st Place
- 2020 U.S Presidential Scholar

PROFESSIONAL EXPERIENCE

Peace Corps Paraguay

Caazapa, Paraguay

Community Health Volunteer

May 2024 – August 2026

- Live and work in rural Paraguay as a Peace Corps Volunteer
- Collaborate with local health post workers to craft youth health promotion activities

Compound Foundry

Fayetteville, AR

Junior Software Engineer

August 2023 – February 2024

- Utilized NextJS, React, and GraphQL to rapidly prototype business ideas at local startup studio
- Built a Shopify extension to handle printing and shipping for artists

Amazon

Seattle, WA & Los Angeles, CA

Software Development Engineer Intern

Summer 2021 & 2022

- Utilized React, Scala, and Swift to build enterprise applications for Amazon
- Developed experimental SharePlay functionality for Amazon Music
- Received return offer for Summer 2023, but turned down to pursue research

J.B Hunt Transport Services

Fayetteville, AR

Application Development Intern

Intermittently October 2019 – May 2022

- Utilized Angular, Springboot, and SQL to build and test enterprise applications for J.B Hunt
- Worked on carrier management site, interview feedback app, and the driver mobile app

PROFESSIONAL DEVELOPMENT & LEADERSHIP

CSCE Computer Networks Lab

Fayetteville, AR

Undergraduate Researcher

May 2022 – May 2024

- Worked in Dr. Kevin Jin's lab on programmable networks
- Investigated the application of programmable networks for power grid security using P4

UARK Computer Science Club (ACM)*President, former Vice President***Fayetteville, AR***May 2022 – May 2024*

- Organized campus networking opportunities, hackathons, internship searches, and computer science outreach
- Helped faculty organize HS programming competitions and “Hour of Code” for local elementary schools

McMillon Innovation Studios*Technical Consultant, Senior Project Lead***Fayetteville, AR***August 2020 – May 2024*

- Built technical prototypes for business ideas out of UARK’s student innovation lab
- Led teams to ideate solutions to local businesses’ problems using “human-centered design”
- Led projects for Walmart, UARK, Phigenics, Ox, and the NWA Food Bank

First-Year Engineering Program*Peer Mentor***Fayetteville, AR***August 2021 – May 2024*

- Met weekly with 10+ freshman engineers to offer guidance, advice, and connections as they navigated their freshman year

SERVICE & VOLUNTEER WORK

UARK Volunteer Action Center*Be BOLD Chair, GivePulse Intern***Fayetteville, AR***May 2022 – May 2024*

- Led UARK sponsored middle-school mentorship program
- Brief edkids on how to code, change a tire, manage a budget, and prepare healthy meals
- Formerly managed and developed trainings for UARK’s volunteer organization system

NWA Children’s Hospital*Volunteer***Springdale, AR***March 2022 – August 2023*

- Dedicated time weekly to volunteer in the playroom of the hospital (100+ hours total)
- Entertained kids with crafts, activities, and videogames as they received treatment

Mission: Mentor*Volunteer Developer***Boston, MA (remote)***August 2021 – January 2021*

- Aided a non-profit EdTech startup incubated at the Harvard Innovation Lab; 2.5k users in a week
- Co-led a team of 4 to build out and maintain the service with React, SpringBoot, and SQL

CONFERENCE PUBLICATIONS

- J. Norris, E. Casto, Y. Qu and D. Jin, "In-Network Logging and Missing Data Recovery In PMU Networks via Programmable Data Plane Devices," *2024 IEEE Green Technologies Conference (GreenTech)*, Springdale, AR, USA, 2024, pp. 157-158, doi: 10.1109/GreenTech58819.2024.10520614.