Jack T. Norris

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EDUCATION

College of Engineering, University of Arkansas — **Summa Cum Laude**
Major*:* Honors Computer Science — *Graduated: 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 – Present*

- 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) **Fayetteville, AR**
President, former Vice President *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
- Orchestrated "HogHacks", the largest hackathon in the Northwest Arkansas area garnering $13k in funding and ~200 participants

McMillon Innovation Studios **Fayetteville, AR**
Technical Consultant, Senior Project Lead *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 **Fayetteville, AR**
Peer Mentor *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 **Fayetteville, AR**
Be BOLD Chair, GivePulse Intern *May 2022 – May 2024*

- Led UARK sponsored middle-school mentorship program senior year of college
- Developed lessons plans that briefed kids on how to code, change a tire, manage a budget, and prepare healthy meals
- Previously managed and developed trainings for UARK's volunteer organization system (GivePulse)

NWA Children's Hospital **Springdale, AR**
Volunteer *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 **Boston, MA (remote)**
Volunteer Developer *August 2021 – January 2021*

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

PUBLICATIONS

- [ACCEPTED, PENDING PRESENTATION] J. Norris, Z. He, Y. Qu, G. Chen, C. Hertzog, D. Jin. "An In-Network Approach for PMU Missing Data Recovery with Data Plane Programmability", *IEEE International Conference on Communications, Control, and Computing Technologies for Smart Grids*, October 2025