

ETHAN JORDAN DHAVARAN

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I am a curious and highly motivated developer with a strong passion for problem-solving, continuous learning, and creativity. With a background in both software development and data analysis, I enjoy diving deep into new technologies and applying them to real-world challenges.

Outside of coding, I'm a hands-on learner who enjoys working on mechanical projects, playing bass guitar, and climbing — all of which have taught me patience, focus, and resilience. My approach to work is grounded in discipline, adaptability, and a commitment to personal and professional growth.

I am currently looking for opportunities where I can contribute to impactful projects, collaborate with diverse teams, and continue expanding my skills across both the technical and human sides of tech.

EDUCATION

Third Year Bachelor of Science in Computer Science, Majoring in Computer Applications and Economic Science | University of the Witwatersrand

Degree to be obtained: December 2026

- Golden Key International Honors Society (Top 15% of Degree): March 2024
- Relevant Course Work: Software Design, Mobile Computing, Parallel Computing, Machine Learning, Analysis of Algorithms

EXPERIENCE

Computer Science Student Tutor | University of the Witwatersrand

March 2026 – Present

- Tutor and guide 1st and 2nd year Computer Science students during their tutorial and lab sessions
- Invigilating and marking tests

Developer Team Member | Wits Developer Society | University of the Witwatersrand

March 2025 – Present

- Work on Wits Developer Society Website
- Organize workshops, explaining and teaching using resources, applications and frameworks needed to be a developer

First Year Experience Student Mentor | University of the Witwatersrand

February 2024 – November 2024

- Provide 1st year science faculty students with guidance
- Plan regular meetings and support sessions

PROJECTS

Ink & Parchment | Project for Software Design Course

- This is a fully working and deployed constitutional archive application, made using React, NextJS, Firebase amongst other Frameworks. Throughout, we used full Agile methodologies, keeping full documentation and meetings exactly
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how a working Dev team would. We set out to build a more intuitive way to both store and access important documents about South Africa's rich history and constitution.

- Hosted Application: <https://constitutionalarchive-f4cugbeydxd8gshz.brazilsouth-01.azurewebsites.net/>
- GitHub Repo: <https://github.com/Girls-Girls-Inc/const-arch-app>
- Demonstration Video: <https://youtu.be/89j4hoa11KY>

LendAHand | Project for Mobile Computing

- This was a mobile application made on Android Studio, using JavaScript and PHP to fully integrate the app with a database. The idea behind the app is to allow users to be able to donate and request items allowing community collaboration and care.
 - Demonstration Video: [Lend A Hand System - YouTube](#)
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SKILLS

Soft-Skills:

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|-------------------------------|----------------------------------|
| • Strong Communication Skills | • Relationship Building |
| • Attention to Detail | • Career Oriented |
| • Growth Mindset | • Adaptability & Problem Solving |

Technical Skills:

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| • JavaScript – React, NextJS, Jest | • Python |
| • C++, C | • R |
| • Java | • Git & GitHub |
| • SQL | • Web Development |
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