

Anirudh Dabas

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EDUCATION

University of Waterloo

Bachelor of Computer Science

Waterloo, Ontario

September 2025 – April 2030

Delhi Public School

High School Diploma

Delhi, IN

Graduated: 2025

EXPERIENCE

Undergraduate Research Assistant

Texas A&M University

June 2020 – Present

College Station, TX

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Built full-stack app using Flask, React, PostgreSQL and Docker to analyze GitHub data
- Explored visualizing GitHub collaboration in classroom settings

IT Support Specialist

Southwestern University

Sep. 2018 – Present

Georgetown, TX

- Set up and managed campus computers for staff, students, and faculty
- Troubleshoot hardware/software issues and maintained classroom tech + 200 printers

AI Research Assistant

Southwestern University

May 2019 – July 2019

Georgetown, TX

- Generated procedural video game dungeons based on *The Legend of Zelda*
- Built and tested a Java game engine to evaluate generated dungeons
- Ran human-subject studies and published an 8-page research paper
- Presented virtually at the World Conference on Computational Intelligence

PROJECTS

Gitlytics | *Python, Flask, React, PostgreSQL, Docker*

June 2020 – Present

- Full-stack app with Flask + React to analyze GitHub repo collaboration
- Used GitHub OAuth, Celery, Redis, and async task queues

Simple Paintball | *Java, Spigot API, Maven, TravisCI*

May 2018 – May 2020

- Developed a Minecraft plugin downloaded over 2K times with 4.5/5 rating
- Implemented CI/CD with TravisCI and released builds on plugin sites

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, FastAPI, WordPress

Dev Tools: Git, Docker, TravisCI, GCP, VS Code, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib