

Aniketh Tarikonda

aniketh8@illinois.edu ❖ (925) 918-8907 ❖ [LinkedIn](https://www.linkedin.com/in/anikeththa) ❖ github.com/anikeththa

PROFILE

A current Computer Engineering undergraduate with experience in embedded systems, and interested in working on problems involving embedded systems, digital design, verification, and back-end development.

EDUCATION

University of Illinois, Urbana-Champaign

Expected May 2028

BS, Computer Engineering

Champaign, IL

Honors: James Scholar, Dean's List (Fall 2024 - Present)

- Cumulative GPA: 3.93/4.0
- Relevant Coursework: Introduction to Computing, Computer Systems & Programming
- Member of SIGARCH, SIGPWN, and the Eco Illini Supermileage team

EXPERIENCE

Eco Illini Supermileage

Aug. 2024 - Present

Electrical Engineer

Champaign, IL

- Developed Schematics, PCBs, for 2+ boards—including the power distribution unit and battery management system—with Altium Designer and KiCAD.
- Wrote embedded software for STM32-based microcontrollers.

Alameda County Informational Technology Department

Jun. 2022 – Aug. 2022

IT Intern

Oakland, CA

- Led the migration of employee data and customer service requests from Axosoft to Atlassian Jira.
- Migrated over 2000 current and archived requests between platforms through the use of RESTful APIs.
- Coordinated with various subteams throughout the department in order to ensure all previously-used features would be preserved.
- Participated in daily standup meetings, and prepared presentations regarding the migration.

VOLUNTEER EXPERIENCE

ACE Coding Club

Jun. 2021 – May 2024

Member

Pleasanton, CA

- Taught middle-school students programming languages, including C++ and Python.
- Organized events and discussions regarding basic Machine Learning principles, ethics, and implementation.

PROJECTS

Rocketry

- Designed and built model rockets for both personal and high school activities.
- Integrated microcontrollers, primarily the ESP32 and Arduino Nano, into several rockets; designed embedded systems to record sensor data and telemetry.
- Member of the National Association of Rocketry

File-Hosting Software

- Created a full-stack, RESTful application with Java Spring, PostgreSQL, and Next.js in order to host personal files.
- Deployed the application through a self-hosted, Cloudflare-protected domain.

SKILLS

Programming Languages: Java; C/C++; Python; Verilog/SystemVerilog; PowerShell; Javascript;

Tools: Git; Vivado; Vitis; STM32; ESP32/8266; FPGA; Java Spring; Jira;

Soft Skills: Time management; public speaking; collaboration; problem solving;

Languages: English (native); Kannada (limited working proficiency); French (limited working proficiency);