

# Aniketh Tarikonda

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## EDUCATION

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### University of Illinois, Urbana-Champaign

Expected May 2028

*BS, Computer Engineering*

*Champaign, IL*

- Relevant Coursework: Introduction to Computing, Introduction to Discrete Mathematics
- Member of SIGARCH, SIGPWN, and the Eco Illini Supermileage team

### Amador Valley High School

Graduated June 2024

▪ 3.98/4.0 unweighted GPA

*Pleasanton, CA*

▪ Graduated at the top 9% of students at Amador Valley

## PROFILE

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A current UIUC Computer Engineering undergraduate with experience in web APIs and embedded systems, and interested in working on problems involving embedded systems and back-end development.

## WORK EXPERIENCE

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### 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.
- Gained exposure to industry-standard bug-tracking software and computer systems.

## VOLUNTEER EXPERIENCE

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### 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

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### 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.

### 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

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**Technical Skills:** Java, C & C++, Python, JavaScript, TypeScript, Verilog, PowerShell, HTML & CSS;  
Embedded systems programming with STM32, Arduino, ESP8266 & ESP32 microcontrollers; KiCad & PCB Design;  
Soldering

Java Spring framework; RESTful APIs; Node.js, React, and Next.js libraries; scikit-learn & tensorflow Python machine learning libraries;

**Soft Skills:** Time management, public speaking, collaboration, problem solving.

**Languages:** English (native), Kannada (limited working proficiency), French (limited working proficiency)