

Tarun Boddupalli

Student Developer based in Edison, NJ

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WORK EXPERIENCE

Full Stack Software Engineer at [Aersys](#) – Piscataway, NJ

November 2019 - Present

Developing internal and user-facing dashboards/kiosks using React.js. Writing internal APIs with Java and MySQL database. Interfacing with scalable architectures on Amazon Cloud Services (S3, Lambda, RDS). Using custom microcontrollers and Raspberry Pi to write fast and efficient C/C++ code to communicate with hardware sensors and robotic components.

Java Programmer at [Rutgers University](#) – New Brunswick, NJ

October 2018 - Present

Working as part of a team that maintains a desktop Java application used by ASL annotators at Boston University. Used version control (Git) to work collaboratively in a team with other developers. Wrote small scripts (Python / Bash) to automate regular workflow.

Computer Technician Intern at **Edison Twp. BOE** – Edison, NJ

July 2016 - August 2016, June 2017 - September 2017, June 2018 - August 2018

Had to troubleshoot hardware problems with student issued laptops. Maintained and updated software on school computers per district's guidelines. Wrote some basic shell scripts to automate software installation processes (resulted in entire school district meeting goals in half the expected timeline).

EDUCATION

Rutgers University, New Brunswick NJ

B.S Computer Science (Honors Program, graduating May 2022)

PROJECTS

[IsThatGuyInMyClass](#)

Web app to assist students in high school schedule coordination

[Dr!ve](#)

Hackathon project to promote safe driving, won four awards

SKILLS

Java, Python

Git, Bash

HTML5 and CSS3

JS, Node.js

MongoDB, SQL

FRAMEWORKS / LIBRARIES

React.js, Express.js

jQuery, Bootstrap

MEAN & LAMP stacks

AWARDS

HackBCA IV Winner

Winner of Code for

Good Award, Best

Education Hack, and

Overall Top 10

LANGUAGES SPOKEN

English, Telugu,

Spanish

RELEVANT COURSEWORK

Data Structures

Discrete Structures I, II

Computer Architecture

Systems Programming