

Atharva Raykar

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Bangalore, IN

Education

PES University, Ring Road Campus

2018-22

- B. Tech, Computer Science Engineering
- GPA: 8.67
- Academic Interests: [Still trying to figure out]

Projects

pawgram

- Esoteric programming language inspired by Brain****
- Made using Racket's sophisticated macro system
- Used functional programming patterns

Algojourney

- Platform for visual and interactive learning of CS algorithms
- Implemented the algorithm visualisers using the JSAV library
- Designed the website layout and style

inSignia

- ASL teaching tool for the hearing impaired using Computer Vision
- Implemented the thresholding and palm detection for hand signs

Project-based learning

- tvs: A minimalist version control system with a git-like interface written in C++17
- shesellshellontheclouds: A minimal shell written in C
- esviji: Minimalist SVG generation library written in C
- charpic: Terminal program that converts images to ASCII art, made using Racket

atharvaraykar.me

- Personal website and blog, deployed on a VPS
- Pages served by nginx and generated by Hugo
- Created a script that automates publishing of blog posts with a git hook

Extracurricular

PES Open Source

- Runs the Open Source Club of PES University
- Organised weekly meetups, a git workshop and a hack day for open source