

KUSH GOGIA

7122 Clarendon Street, San Jose, CA, 95129 | (669) 234-9413 | gogiakush@gmail.com
kushgogia.com

EDUCATION

Purdue University, Elmore School of Electrical and Computer Engineering
Bachelor of Science, Computer Engineering, GPA 3.84/4.0

West Lafayette, IN
Aug 2021 – Present

- Courses: Advanced C Programming, Data Structures, Digital Systems

PROFESSIONAL EXPERIENCE

Code For Fun
Programming Instructor

Sunnyvale, CA
May 2022 – Present

- Instructed basic and advanced programming concepts corresponding to kids aged 5-15
- Collaborated with supervisors and peers to update needed changes in curriculum
- Guided assistant volunteers to ensure success of in-person camps

Cisco Systems
ASIC Engineer Intern

San Jose, CA
May 2023 – Aug 2023

- Combined SystemVerilog and Python to create intuitive plotting tool across project
- Simulated Physical Design of RAM using C++ to determine cost-efficient solutions to traffic modeling
- Relayed necessary challenges of chip design and port routing in team meetings

PROJECTS

Foodometer (Calorie Tracking App)

Jul 2020 – Aug 2020

- Implemented user login interface and data storage with Django
- Combined JavaScript skills with USDA API to receive calorie estimates for foods
- Organized website in minimalist dark theme through HTML and CSS

Pokedex App

Mar 2022 – Aug 2022

- Structured all Pokemon information by accessing PokeAPI with JavaScript
- Optimized Pokemon team addition with JSX and React.js
- Employed Firebase to manage Pokemon team upon page refresh

Simon Says

Nov 2022 – Jan 2023

- Programmed an FPGA via SystemVerilog to demand user cooperation in mini-game
- Organized code by function to start, end, and perform ten rounds subsequently
- Determined parallels between software and hardware engineering to streamline processes

CERTIFICATES

Purdue IEEE Software Saturdays
Intermediate Certificate

West Lafayette, IN
Spring 2022

- Worked through weekly lesson plans to master React.js
- Programmed final project (Pokedex App) with newfound concepts

SKILLS

Java, Python, SystemVerilog, HTML, CSS, JavaScript, C, Git, Django, React, Bootstrap