

KUSH GOGIA

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kushgogia.com

EDUCATION

Purdue University, Elmore School of Electrical and Computer Engineering
Bachelor of Science, Computer Engineering, GPA 3.97/4.0

West Lafayette, IN
August 2021 - Present

- Courses: C Programming, Transforming Ideas to Innovation

PROFESSIONAL EXPERIENCE

Hongyun Art (Local Art Studio)
Programming Instructor

Cupertino, CA
June 2019 – July 2019

- Instructed Python to middle school art students and linked key art concepts to the Graphical User Interface
- Guided students to recreate tens of shapes and images on computer and add new features
- Allotted students time to create new pictures and games with newfound knowledge

ORGANIZATIONS

Purdue Electric Racing
Electronics Team

West Lafayette, IN
August 2021 – December 2021

- Tested and programmed functions to produce a mini-electric vehicle from scratch
- Strategized algorithms with upperclassmen to improve torque vectoring of vehicle

PROJECTS

Foodometer (Calorie Tracking App)

July 2020 – August 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 simple dark theme using HTML and CSS

Mailer

June 2020 – July 2020

- Set up network between users for back-and-forth emailing
- Developed tests to analyze organization and speed of sent and received emails

Pokedex App

March 2022 – August 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

CERTIFICATES

Purdue IEEE Software Saturdays
Intermediate Certificate

West Lafayette, IN
Spring 2022

- Attended weekly meetings and worked through new lesson plans
- Programmed final project (pokedex app) using newfound concepts

SKILLS

Java, Python, HTML, CSS, JavaScript, Django, Git, React.js, Bootstrap, C