

Meghana Girish

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Education

California Polytechnic State University

San Luis Obispo, CA

B.S. in Chemistry

June 2020

Relevant Coursework: Fundamentals of Computer Science, Data Structures, Project-Based Object-Oriented Programming and Design

Skills

Languages: Python, JavaScript, Java, HTML, CSS, SQL

Frameworks & Environments: Flask, Jinja, Node.js, Express.js, EJS, Bootstrap, jQuery, MongoDB, Tkinter

Technical: Data structures, Algorithms, Responsive web design, Object-oriented programming, REST API, DOM

Projects

Coffee and Wifi Website

February 2022 – Present

- Designed and built a responsive multi-page website with a Flask framework
- Performed CRUD operations on a sample database of cafes and amenities in a certain area
- Generated a RESTful API for authenticated users
- Skills used: Python, Flask, Jinja, Bootstrap, HTML, CSS, SQL, SQLAlchemy

Blog Website

November 2021 – December 2021

- Developed a multi-page website with ability to compose and post articles
- Eliminated redundant HTML code using EJS templating engine
- Skills used: JavaScript, Node.js, Express.js, EJS, HTML, CSS

Watermarking App

January 2022

- Completed a desktop app to modify a user chosen image with customizable watermark text
- Skills used: Python, Tkinter

Breakout Game

January 2022

- Implemented object-oriented programming to produce a desktop version of the game Breakout
- Skills used: Python, OOP, Turtle GUI

Online Coursework

“The Complete 2022 Web Development Bootcamp”

January 2022 – Present

Udemy

- Full stack web development course focusing on Node.js and other frameworks using JavaScript ES6
- Incorporates the process of responsive web design

“The Complete Python Pro Bootcamp for 2022”

September 2021 – November 2021

Udemy

- Comprehensive project-based python coding course covering web scraping, GUI development, data science, and full stack development

Additional Experience

Learning Assistant

September 2018 – June 2020

Cal Poly San Luis Obispo

- Supervised chemistry labs with 50+ students to oversee safety and increase efficiency with limited class time
- Held monthly tutoring sessions to foster understanding of multiple general chemistry concepts

Language Skills & Interests

Languages: Fluent Kannada and conversational Spanish

Interests: Rock climbing, Yoga, Line dancing, Reading