

Sundeeep Kakar

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EXPERIENCE

Web Developer — IU Web Studio, Indiana University

MAY 2019 - PRESENT

Develop Web Apps using PHP, WCMS. Build user interfaces using the IU Framework and ReactJS. Interact with clients to produce and deploy web apps. Maintain, update, and troubleshoot IU Framework & ASP.NET websites. Perform database(MySQL) maintenance and updates.

Teaching Assistant — Computer Science Department, IUPUI

JANUARY 2019 - MAY 2019

Teaching Assistant for CSCI 23000 - Computing 1, a 110+ student course. Lead recitations and discussions covering Python, APIs, and Web Apps. Graded assignments, quizzes and final projects.

Technical Center Consultant — University Information Technology Services (UITS), IUPUI

AUGUST 2018 - DECEMBER 2018

Provided direct technical assistance relating to software, hardware and computer peripherals. Assist campus instructors, customers, and campus housing residents

EDUCATION

Purdue School of Science, Indianapolis — BS Computer Science

GRADUATION: MAY 2020

CGPA: 3.6

Indiana University Purdue University - Indianapolis

Double Minor in Math and Business (Kelley School of Business @ IUPUI)

PROJECTS

IoT Theft Detection System — CSCI 43300 - IoT, Fall'18

Implemented a Theft Detection System using Computer Vision in Python on a Raspberry Pi 3 B+ over a CoAP server. Used: SimpleCV, CoAPthon

Steganography App — Instructional Django Web App, Spring'19

Built an instructional web app that allows users to learn steganography by implementation. The web app allows implementation for text, image, and audio steganography. Added enhanced application security (regex validation, CSRF safety, and password hashing)

Used: Python, Django Framework, CSS, SQLite database, Sonic Pi

RELEVANT COURSES

Object-Oriented Design
Data Structures
Client & Server-side Web Programming
Principles of Software Engineering
Operating Systems
Principles of Software Design
Internet of Things (IoT)
Database Systems

HONORS AND AWARDS

Computer Science Major Field Test

Scored 92 percentile

Outstanding Scholar Award

Scholarship, 2016-2020

Dean's List Award

Received 6 Dean's List Awards

TECHNICAL SKILLS

Git, C/C++, Python, jQuery, HTML, JavaScript, Bootstrap, CSS, RESTful API, Node.JS, React.JS, React Native, Firebase, Django, MySQL, Vim, Linux, PHP, WordPress.

ORGANIZATIONS & EVENTS

Computer Science Club
Member

BoilerMake 6
Purdue University, Participant

Hack Ill-inois 2019
U Illinois, Participant

National Honor Society (ALD-PES)
Member

Global Voices Speakers Program
Contributor