

Sai Kolla

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Personal Website : saikolla.netlify.com

Arizona State University (Class of 2025) Pursuing BS in Computer Science

Experience

- **Alameda County ITD Intern (June - August 2021)**
 - Claiming Uncashed Warrants: Web Page created with Vuejs. Created a survey that used logic to inform the user on the next steps needed in order to claim the correct type of Uncashed Warrants. Saved data of user account and response to an SQL database
 - ITD Design Library: Web component design library of HTML elements in order to be used for remodeling of the Alameda County websites. Created test cases for every type of HTML element; they would need to pass the test for Nodejs, Vuejs, and Angularjs to be used in the Alameda County Design. Designed many web components such as buttons, checkboxes, etc.
- **Code Ninjas Code Sensei, Pleasanton, California (December 2019 - March 2020)**
 - Teaching children game development using Javascript and JQuery. I taught the children a preset curriculum, which I had to master first. I also gave tours to new coming students and parents, presenting the highlights of the dojo (coding school).
- **Freelance Code Instructor (2019 - present)**
 - During summers, I teach HTML, CSS, Python, and Java to children in my community. I usually held a 10 week program where students would finish with a big project that incorporates everything I taught them. website: saiscodinglessons.netlify.com

Education

- **Arizona State University**
 - Pursuing B.S. in Computer Science Class of 2025
 - 3.23 GPA
 - Deans List Spring 2023
 - Relevant Courses:
 - CSE 205 Object-Oriented Program & Data: Problem solving by programming with an object-oriented programming language. Introduces data structures. Overview of computer science topics.
 - CSE 360 Introduction to Software Engineering: Software life cycle models; project management, team development environments and methodologies; software architectures; quality assurance and standards; legal, ethical issues.
 - CSE 365 Information Assurance: Concepts of information assurance (IA); basic IA techniques, policies, risk management, administration, legal and ethics issues.

Technical Skills

- HTML
- CSS
- Javascript
- Java
- C++
- Python
- Autodesk Inventor
- Arduino

Skills

- Communication
- adaptability
- hard worker
- good at problem solving

Achievements

Programming

- Hosted Dubhacks Hackathon
- 2nd place at Mission Hacks
- Best Website at Launch Hacks
- Best Categorical Project at ExpoHacks II
- Best Pitch at SolarHacks
- various programming projects

Other

- Black Belt in Kuk Sool Won Martial Arts

- CSE 310 Data Structures and Algorithms: Advanced data structures and algorithms, including stacks, queues, trees (B, B+, AVL), and graphs. Searching for graphs, hashing, external sorting.
- **Foothill College**
 - Relevant Courses:
 - C S 22A Javascript For Programmers: Introduction to object oriented programming in JavaScript. Topics include: client and server side programming, Model/View/Controller architecture, current tools and testing methods, interaction with HTML and CSS, Document Object Model, XML, and JSON. Students will have practice writing programs for mobile web browsers and creating dynamic webpages including animation.

ExtraCurricular Activities

- **Other Activities**
 - Director of Technology and Sponsorships of Dubhacks Hackathon (2020 - 2022): I was the lead in creating the website for the hackathon. I led a team that would get sponsorships for our hackathon. I made all of the negotiations with big sponsors and oversaw all of the negotiations made by my team.

Projects

- **Programming**
 - Developed a Website that finds colleges that are suitable for a Student based on student's academic statistics: [College Match Website](#)
 - Abstractive text summarizer from images and text with Python using OCR (Optical Character Recognition) and Tensorflow
 - Dub Hacks Hackathon Website: [Dubhacks 2020 Website](#)
- **Autodesk Inventor**
 - Models of a car made of recyclable materials, a concept for a toy train, and a redesign of the original palm pilot