# Sai Kolla

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## Experience

- **First Citizens Bank Software Engineering Internship (June - August 2024)**
  - **UI Development**: Designed and implemented responsive user interfaces for new pages and forms on the Silicon Valley Bank website. Ensured layouts adhered to branding guidelines, optimized performance, and met WCAG accessibility standards. Collaborated with cross-functional teams to gather requirements and deliver intuitive designs.
  - **Software Testing**: Conducted end-to-end UI flow testing to identify bugs and optimize functionality. Utilized testing frameworks to automate workflows, documented findings, and worked closely with the QA team to ensure high-quality releases.
  - **Backend Development**: Developed and maintained backend functionality for the Silicon Valley Bank website using Node.js and Java. Created APIs and integrated them with front-end components for seamless data exchange. Optimized backend performance by implementing best practices in code design and testing.
  - **MuleSoft API Development**: Designed and implemented APIs using MuleSoft to enable secure and efficient system integration. Worked on data transformation and flow orchestration, following RESTful principles and implementing robust error-handling mechanisms.
- **Alameda County ITD Intern (June - August 2021)**
  - **Claiming Uncashed Warrants**: Web Page created with Vuejs. A survey that used logic to inform the user on 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 Node Js, Vuejs, and Angularjs to be used in the Alameda County Design. Designed many web components such as buttons, checkboxes, etc.
- **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 (BS. Computer Science Class of 2025)**
  - Relevant Courses: Information Assurance, Data Structures and Algorithms, Operating Systems, Intro Theoretical Computer Sci, Intro to Artificial Intelligence, Intro to Machine Learning,

## ExtraCurricular 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.

## 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

## Technical Skills
- HTML, CSS
- Javascript
- Node JS, Vue JS, AngularJS, React JS
- Java, C++
- Python
- Autodesk Inventor
- Arduino
- PostgreSQL

## 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