Saharsh Goenka

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EDUCATION

Arizona State University   Aug. 2021 - Dec. 2024 (Expected)

B.S. in Computer Science | Concentration in Software Engineering   *Tempe, AZ*

- **Current GPA:** 4.00/4.00
- **Relevant Coursework:** Object-Oriented Programming and Data Structures, Principles of Programming, Calculus for Engineers I & II, Discrete Math Structures
- **Awards:** Dean's List (all semesters), New American University Scholar (Provost)
- **Clubs:** Software Developers Association, Linux Users Group
- **Hackathons:** SunHacks 2021

EXPERIENCE

Teaching Assistant, Principles of Programming   Aug. 2022 - Present

Arizona State University   *Tempe, AZ*

- Kick-started the computer science journey of 75 students in the Principles of Programming course
- Assist students with learning fundamental programming concepts in Java at weekly lab classes
- Provide students additional assistance by holding weekly in-person and online study hall sessions
- Monitor and answer assignment-related questions at the Inscribe community site

Kung Fu Instructor   June 2017 - Jan. 2020

Dragon Rhythm Shaolin Kung Fu   *Fremont, CA*

- Taught 200+ students from ages 4 to 60+ years across all belt levels
- Prepared students to succeed at performances, belt tests, and competitions
- Served as a judge at monthly belt tests and annual Kung Fu competitions

NYLT Camp Guide   July 2016 - June 2017

National Youth Leadership Training (NYLT)   *Livermore, CA*

- Guided a group of 6 high-school scouts through an intensive 6 day leadership camp
- Communicated leadership skills with a focus on how a leader should be, know, and act through presentations
- Taught scouting skills including wilderness survival and camping by organizing games and competitions

SELECT TECHNICAL PROJECTS

ASU Open Seat Checker | *Javascript, Node.js, Puppeteer, Twilio, Oracle Cloud Infrastructure, Git*   Sep. 2022
- Logged class seat data from the ASU Class Search page by utilizing the Puppeteer library
- Notified the user through call and text when a seat opened in their desired class with Twilio API

Tindog, Dice Game & Drum Kit Websites | *HTML5, CSS, Bootstrap, Javascript, Git*   June 2022
- Designed a mock product page for Tindog, an app designed to help people find dates for their pets
- Developed a Dice Game site that announces a winner based on which dice rolled a higher number
- Created a Drum Kit website that allows a user to play various parts of a drum kit with their keyboard

Motorskills Development App | *Javascript, P5.js - FSE 100 Class Project*   Oct. 2021 - Dec. 2021
- Designed an app that intended to help children improve essential motor skills
- Worked with a group to develop 3 mini-games that each focused on developing a specific motor skill

Stock News Data Scraper | *Java, Selenium, ApachePOI, Maven, Git*   Apr. 2021 - May 2021
- Scraped bank analyst upgrade and downgrade data from a stock news site utilizing the Selenium library
- Compiled and sorted the data in an excel sheet with ApachePOI to predict price movement

Monopoly & Tic Tac Toe Games | *Java - AP Computer Science Class Projects*   Dec. 2020 - May 2021
- Created the Monopoly and Tic Tac Toe games in Java that ran on the terminal

TECHNICAL SKILLS

Languages: Java, Javascript, HTML5, CSS3
Frameworks: Node.js, Express.js
Developer Tools: IntelliJ Idea, Atom, Visual Studio Code, Git, Maven, NPM
Libraries: Bootstrap, jQuery, Puppeteer, Selenium, ApachePOI, P5.js
Certifications: The Complete Java Certification Course (Udemy)