

Saharsh Goenka

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EDUCATION

Arizona State University

GPA: 4.00/4.00 | Tempe, AZ

B.S. in Computer Science | Concentration in Software Engineering

Aug. 2021 - May 2025 (Expected)

- **Relevant Coursework:** Intro to Programming Languages, Logic in Computer Science, Discrete Math Structures, Object-Oriented Programming and Data Structures, Principles of Programming, Digital Design Fundamentals
- **Awards:** New American University Scholar (Provost), Dean's List (Fall 2021, Spring 2022)
- **Clubs:** Software Developers Association, Linux Users Group, Google Developer Student Club
- **Hackathons:** SunHacks 2021

EXPERIENCE

Principles of Programming Teaching Assistant

Aug. 2022 - Present

Arizona State University

Tempe, AZ

- Kick-starting the computer science journey of 75 students through the Principles of Programming course
- Providing the course instructor with assistance while teaching at weekly Java Lab sessions
- Providing students additional assistance by holding weekly in-person and online study hall sessions
- Monitoring and answering assignment-related questions at the Inscribe Community Site

DECA Mentor and Judge

Aug. 2020 - June 2021

DECA Inc.

Fremont, CA

- Provided current club members advice to succeed at competitions in the Entrepreneurship Category
- Judged at a Northern California Mock Competition and provided competitors with advice on how to improve

Kung Fu Instructor

June 2017 - Jan. 2020

Dragon Rhythm Shaolin Kung Fu

Fremont, CA

- Taught 200+ students from ages 4 to 60+ years with belt levels white to brown
- Prepared students to succeed at performances, belt tests, and competitions
- Served as a judge at monthly belt tests and at annual Kung Fu competitions
- Was the first student master and helped set up the student master training program

NYLT Camp Guide

July 2016 - June 2017

National Youth Leadership Training (NYLT)

Los Gatos, CA

- Guided a group of 6 high-school scouts through an intensive 6 day leadership camp
- Taught leadership skills through presentations and activities with a focus on how a leader should be, know, and act
- Taught scouting skills including wilderness survival and camping through organizing games and competitions
- Attended biweekly training sessions in the 8 preceding months to organize and prepare for the camp

SELECTED PROJECTS

Motorskills Development App | 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 a specific motor skill
- Received feedback from test users and used it to improved features

ASU Open Seat Checker | Java, Selenium, Maven, Git

Oct. 2021

- Periodically scraped class data from the ASU Class Search page utilizing the Selenium library
- Notified the user when there were open seats in a desired class by playing music

Stock Data Web 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

TECHNICAL SKILLS

Languages: Java, C, C++, Python, HTML5, CSS3, Javascript

Frameworks: WordPress, Node.js, Express.js

Developer Tools: IntelliJ Idea, Pycharm, Atom, Git, Maven, Canva, Balsamiq, NPM

Libraries: Bootstrap, jQuery, Selenium, ApachePOI, P5.js

Certifications: The Complete Java Certification Course (Udemy)