# 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 course instructor 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 student 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 Staff
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, ApachePOI, Selenium, 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)