

# AKSHAT JAIN

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## EDUCATION

University of California, San Diego

Sept. 2021 – Expected 2024

**B.S. Computer Science**, Major GPA: 3.85

San Diego, CA

- Coursework: Data Structures + OOP, Comp. Problem-Solving, SWE Tools, Discrete Math, Linear Algebra, Multivariable Calculus, C and Assembly, Statistics, Advanced Data Structures, Theory of Computation, Software Engineering

## SKILLS

- Java, C, C++, Python, JavaScript, React, NodeJS, Tailwind CSS, Assembly, HTML, CSS, MATLAB, R, LaTeX, Git, Game Development, JUnit Testing, Algorithms, File Automation, Definite State Automation, Path Finding, Object-Oriented Programming, UI, APIs, Version Control, Debugging, Responsive Design, Front end development, Design process

## EXPERIENCE

Glean

Jul. 2023 – Present

Software Project Intern

Remote

- Using **Python**, **JavaScript**, **Slack API** to develop **ChatGPT Plug-In** that accesses Slack workspace info for processing
- Developed plugin to quickly summarize information from Slack workspace and conduct comparison to company software

SoFlo Tutoring LLC

Nov. 2020 – Feb. 2021

Administrative Intern

Remote

- Developed in **Java** to aid in sorting 150+ SAT videos for **optimal uploading** to WordPress, saving over 50% more time
- Utilized **WordPress** to create 10+ SAT blog pages, making 4 front-end design changes to improve blog user interface
- Computed weekly finances for payment to **50+ tutors**, pipelining data from Excel sheet to **Java** algorithm, different rates

SCIO Technologies

Jun. 2019 – Jul. 2019

Software Engineering Intern

Remote

- Wrote **15+ JUnit tests** to run on **Java** methods of **Chrome extension**, making sure to validate every practical aspect
- Debugged with JUnit tests by running on functions, adjusting them, **reporting failed tests**, reducing error by 10-15%

E-Business Website Competition ([bit.ly/akshatweb](http://bit.ly/akshatweb))

Jan. 2020 – Mar. 2020

- Designed apparel rental website with **10+ pages**, followed design process and used structured feedback in design choices
- Used HTML, CSS, **JavaScript** to code front-end, with **5+ animations per page**, seamlessly displaying backend functions
- Worked with a team of three to design, develop, form back-end, make a business pitch, and present in a competition

Carrom Video Game

Apr. 2019 - Jun. 2019

- Developed a multiplayer game about Carrom, a simulation of a board with 10+ moving pieces similar to Pool, in Java
- Used **Processing API** to develop computer graphics, with kinematic physics and game mechanics with 3 user interactions
- Created **LAN 2-4 multiplayer** gameplay using Java's networking library, allowing game to run in sync on every device

Netflix Prize Algorithm

Mar. 2019 - Apr. 2019

- **1st Place** in 150 student CS class for most accurate movie recommender, **84.5% accuracy** for users without ratings
- Developed **Java**, **JUnit** tests to accurately process 100+ past ratings and recommend from **1000+ movie database**

TikTok Redesign Independent Project

Oct. 2022 – Nov. 2022

- Hypothetically product designed **3 changes to TikTok UX**, wireframed through Figma and created business presentation
- Prototyped low-fidelity model to display one selected change, with 3 visual differences from standard TikTok application

## VOLUNTEERING

Middle Level Tutor Officer for FBLA

Jun. 2019 – Jun. 2020

- Led meetings for and tutored business/technology skills to 2 sets of 40+ middle schoolers every week, created curriculum
- Mentored a group of 5 middle schoolers in becoming leaders, that led their own meetings and developed professionally

Bay Area Youth for Justice ([bay4j.com](http://bay4j.com))

Jun. 2020 – Nov. 2020

- Designed static website with 10+ pages, primarily focusing on **front end dev**. Used HTML, CSS, GitHub, GitHub Pages

Jain Center of Northern California Volunteer

Apr. 2018 – Feb. 2019

- **GOLD President's Volunteer Service Award** Recipient, for 100+ Hours of consistently volunteering in one year

## AWARDS & INTERESTS

- Two-time 2<sup>nd</sup> Place for FIRST Robotics Regional Competition, using **Python** for robot's autonomous computer vision
- **Nationally 6<sup>th</sup> Place** for Business Law in Future Business Leaders of America, 3<sup>rd</sup> in California for Law and Finance
- Interests: Experimenting with flavored coffee lattes, weightlifting, socializing, analyzing Christopher Nolan movies