

# Blake Sanie

Computer Science Student

## Personal Info

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blakesanie

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## Languages (Proficient)

JavaScript

Python

HTML / CSS

## Languages (Familiar)

Java

SQL

Swift

## Technical Skills

Responsive UI Design

Git / Github

Full Stack Development

Database Architecture

## Business Skills

French (Fluent)

Farsi (Intermediate)

Time / Project Management

Problem Solving

Exuberant, inventive programmer and leader. Inquisitive at heart and welcoming of challenge. Seeking a summer 2020 internship where I will leverage and develop skills while delving into new programming concepts.

## Experience

2019-05- **Level: Baseball Technology** - Sacramento, CA

2019-08 *Software Engineering Intern*

- o Prototyped cross-device video recording synchronization
- o Designed and deployed Firebase database of game video and stats
- o Developed intuitive, full-stack apps using React Native and jQuery

2018-10- **America Offline** - San Francisco, CA

2019-01 *Software Engineering Intern*

- o Constructed cross-platform client app with React Native
- o Enhanced SQL database management with Express.js and REST
- o Implemented background processes to detect device usage
- o Advanced iterative design process by conducting private field test

## Education

2019-08- **Georgia Institute of Technology** - Atlanta, GA

- Present
- o Candidate for B.S. in Computer Science, Dec. 2022
  - o Delta Tau Delta Fraternity, pledge class secretary

2015-08- **Menlo-Atherton High School** - Atherton, CA

- 2019-06
- o Cum. GPA: 4.4/4
  - o AP Scholar With Distinction
  - o Math Department Award

## Projects

### Across the Aisle - Political Social Network

- o Built real-time message threads using React Native and Firebase
- o Devised sentiment-based moderation system
- o Awarded by Rep. Anna Eshoo as finalist in 2018 Cong. App Challenge

### Code Plagiarism Detector

- o Scraped XML data from Scratch platform using Python
- o Integrated a diff algorithm, flagging nearly identical projects
- o Objectively caught 7 cheaters, restored academic integrity

## Activities

2018-08- **AP CS Teaching Assistant**

- 2019-06
- o Presented whole lessons in place of instructor
  - o Recruited other strong CS students to become TA's

2018-1- **Curriculum Designer**

- 2018-5
- o Pitched learning objectives, lessons, and unit projects to high school faculty for creation of new web design course