

Blake Sanie

Computer Science Student

Personal Info

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Languages

JavaScript Java

Python HTML / CSS

SQL Swift

Technologies

Firebase AWS

Tensorflow React Native

jQuery MongoDB

Selenium Docker

Technical Skills

Data Structures

Algorithm Design

Task Automation

Git / Github

Full Stack Development

Database Architecture

UI / UX Design

Search Engine Optimization

Business Skills

French and Farsi

Time / Project Management

Critical Thinking

Exuberant, inventive programmer and leader. Inquisitive at heart and welcoming of challenge. Seeking a summer 2021 internship where I will leverage and develop skills while delving into new programming concepts.

Experience

2020-06- **GoGoody Inc.** - Newark, CA

2020-08 *Software Engineering Intern*

- Quartered database response time by restructuring product, SKU tables
- Containerized MySQL and Node.js microservices within AWS EC2 instance
- Simulated flash-sale env. by reverse-engineering brand-name backends
- Discovered 1000+ future products by evaluating Abstract Syntax Trees (AST)

2020-04- **Investivision** - Menlo Park, CA

Present *Founder, CEO, Engineering Lead*

- Automated market research with ML stock rankings and custom metrics
- Combined PostgreSQL database and REST server into seamless UX
- Launched with SaaS business model after deliberate beta testing phase

2019-05- **Level** - Sacramento, CA

2019-08 *Software Engineering Intern*

- Prototyped concurrent cross-device video recording synchronization
- Designed and deployed scalable Firebase database of game film and stats
- Developed intuitive, role-based client apps using React Native and jQuery

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

2019-01 *Software Engineering Intern*

- Constructed team-oriented gamified habit-tracking app with React Native
- Enhanced SQL database management with Express.js and REST
- Implemented efficient background processes to detect device usage

Education

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

Present

- 4.0 Major GPA
- Candidate for B.S. in Computer Science, 2022
- Machine Learning and Information Internetworks Concentration
- Delta Tau Delta Fraternity, Gamma Psi Chapter

Projects

Automated Day-Trading System

- Trained LSTM Neural Network with Genetic Algorithm and Q-Learning
- Optimized portfolio growth and robustness with smart fund allocation
- Strategy result: 34% annual gain with 49% risk of S&P 500

Across the Aisle - Political Social Network

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

Leadership

2019-10- **Executive Director of Communications** - ΔΤΔ Fraternity, Atlanta, GA

Present

- Restructured newsletter system with automated publishing
- Organized alumni speaker series and 100th anniversary festivities
- Oversaw all contact between alumni, parents, and active members