

Blake Sanie

Computer Science Student

Personal Info

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Languages

Python JavaScript

Java HTML / CSS

SQL C / C++

Technologies

Firebase AWS EC2, RDS, S3

Docker React (Native)

Redis MongoDB

Selenium Tensorflow

Technical Skills

Git Data Structures

AI / ML Statistical Analysis

SEO Algorithm Design

UI / UX Task Automation

Jira Web Services

Slack Database Design

Business Skills

French and Farsi

Time / Project Management

Critical Thinking

Agile Methodology

Cross-team collaboration

Exuberant, inventive programmer and leader. Inquisitive at heart and welcoming of challenge. Seeking a summer 2022 internship where I will leverage and develop skills while delving into new programming concepts.

Experience

2021-08- College of Computing, Georgia Tech - Atlanta, GA

Present *Undergraduate Teaching Assistant, Intro to AI (CS 3600)*

- Refined worksheets and exams, incrementally improving course content
- Assisted in lectures of 300+ students by clearly answering student questions
- Led comprehensive review sessions after release of each unit project

2021-06- Schonfeld Strategic Advisors - New York, NY

2021-08 *Software Engineering Intern, Treasury Technology*

- Oversaw creation of broker simulation microservice enabling end-to-end tests for multibillion dollar short allocation system with > 150K daily trade volume
- Coordinated across firms to integrate MS, GS, and JPM locates services
- Delivered React-based admin dashboards with overriding broker controls

2020-06- GoGoody Inc. - Newark, CA

2020-08 *Software Engineering Intern, Ecommerce*

- Quartered database response time by restructuring product, SKU tables
- Containerized MySQL and Node.js microservices within AWS EC2 instances
- Discovered 1000+ future products by simplifying Abstract Syntax Trees (AST)

2019-05- Level - Sacramento, CA

2019-08 *Software Engineering Intern, Technology*

- 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

Education

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

Present ○ 4.0/4.0 Major GPA

- Candidate for B.S. in Computer Science, Fall 2022
- Artificial Intelligence and Information Internetworks Concentration
- Delta Tau Delta Fraternity, Gamma Psi Chapter

Projects

Investivision.com

- Automated market research with ML stock rankings and custom metrics
- Converged PostgreSQL database and REST server into seamless UX
- Launched with SaaS business model after deliberate beta testing phase
- Based on autonomous strategy with 34% return and 50% risk of S&P 500

UX-AI

- Trained Conv. Net agent to classify engagement from live page interactions
- Open-sourced SDK for DOM event observation and data pre-processing
- Built Chrome Ext. for real-world accuracy validation, maintaining > 80%

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