

# Jacob Stanley

<https://jacobstanley10.github.io>  
jakestan@umich.edu | 517.599.2271

## EDUCATION

### UNIVERSITY OF MICHIGAN

#### BSE IN COMPUTER SCIENCE

May 2023 | Ann Arbor, MI  
College of Engineering  
Cum. GPA: 3.6 / 4.0

## LINKS

Github:// [JacobStanley10](#)  
LinkedIn:// [jacob-stanley10](#)

## COURSEWORK

### UNDERGRADUATE

Computer Vision\*  
Computer Science Pragmatics\*  
Intro to Computer Organization\*  
Web Systems  
Data Structures and Algorithms  
Foundations of Computer Science  
Discrete Mathematics  
Linear Algebra  
Intro to Statistics and Data Analysis

\*Taking in Fall 2021

## SKILLS

### PROGRAMMING

Proficient:

C++ • Python • Java • SQL

Intermediate:

React • React Native • HTML • CSS •  
JavaScript • MATLAB

Basic:

Expo • AWS • Swift •  $\text{\LaTeX}$  • R • Yarn •  
TypeScript

## ACTIVITIES

### PROJECT MANAGER

ATLAS Digital - Tech Consulting

### IOS TEAM

Michigan Hackers

### FUNDRAISING COMMITTEE

The Pearl Project

## EXPERIENCE

### SERVICENOW | FULL-STACK SOFTWARE ENGINEER INTERN

May 2021 - Present | Santa Clara, CA (Remote)

### STUDYBUDDIES | DATA SCIENTIST AND MARKETING DIRECTOR

Winter 2021 | Ann Arbor, MI

- Had 11k users for *FindMyGroupMe* website and 6k signups for *StudyBuddies* matching program
- Created a python script using Pandas and NumPy to create data analysis graphs to discover *StudyBuddies* target audience
- Utilized WebScraper.io to gather data of faculty members so that they could encourage their students to use it
- Used GMass to promote our website to all of the faculty members so that they could encourage their students to use it

### DELTA DENTAL | FULL-STACK SOFTWARE ENGINEER INTERN

Summer 2020 | Okemos, MI (Remote)

- Added and modified multiple RESTEasy endpoints
- Implemented server-side code that leveraged Apache POI to create Excel reports with business data
- Integrated front-end UI features of backend components into the team's Java Swing Client
- Modifications to the Log4j logging mechanism in the Swing Client

## PROJECTS

### FIXMYCAR MOBILE APP

Winter 2021

- Worked on MVP of mechanic mobile app version for client Fixmycar.io using React Native and TypeScript

### INSTAGRAM CLONE

Winter 2021

- Simulated social network experience with ReactJS to provide visually appealing client-side dynamic pages
- Utilized Flask and python to render server-side dynamic pages and REST APIs

### SCALABLE SEARCH ENGINE

Winter 2021

- Built a scalable search engine that uses PageRank and HITS algorithm
- Implemented with MapReduce so it can distribute the workload for our Inverted-Index Server using Python, HTML, SQL and Hadoop

### MAPREDUCE SERVER

Winter 2021

- Implemented a MapReduce server in Python that was a single machine, multi-process, multi-threaded server that executes user-submitted MapReduce jobs

### SQL DATABASE EMULATOR

Fall 2020

- Emulated relational database with simplified standard query language user interface