

# UDDHAV BHAGAT

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## EDUCATION

**University of Michigan, Ann Arbor, MI**

**Ann Arbor, MI**

*BS in Computer Science*

*Sep 2018 - May 2022*

- **GPA:** 3.83/4.0
- **Relevant Coursework:** Web Systems, Data Structures and Algorithms, Computer Organization, User Interface Development, Database Management Systems, Data-Oriented Programming, Introduction to Data Analytics

## EXPERIENCE

### SoFi

**San Francisco, CA**

*Software Engineering Intern - Invest*

*June 2021 – Aug 2021*

- Developed scalable endpoints using Java Spring, PostgreSQL, and Mockito to consolidate account activation information for SoFi Invest users, achieving a latency of under 80ms for 95% of requests
- Leveraged the API and built a dynamic onboarding dashboard for users to track their account activation progress and nudge them to complete remaining steps for account completion
- Achieved a 19.8% increase in deposits triggered and an 8.67% increase in trades executed by newly onboarded users through the dashboard

### Dream11

**Mumbai, India**

*Software Engineering Intern*

*June 2020 – Aug 2020*

- Enhanced sports streaming experience for 90,000+ users by developing a TensorFlow Lite logistic regression model for real-time screen size and video quality recommendations
- Developed a Java wrapper for hosting TFLite model and communicating with a React Native front-end for preference-based content rendering for each user
- Improved the UI by creating a minimized-viewing feature in React Native, enabling simultaneous viewing and scrolling which increased positive customer experiences by 32%

### Michigan Data Science Team

**Ann Arbor, MI**

*Project Lead*

*Jan 2020 – May 2020*

- Led a project to investigate the nutritional values and trends in the meals provided by our campus dining halls to improve the quality of meals provided on campus
- Achieved an accuracy of 79.2% by engineering a KNN classification model to categorize food items into healthy and non-healthy buckets, helping students make an informed choice about their meals
- Built a linear regression model yielding 84.7% accuracy to predict the nutritional values of newly introduced items to enable dining halls to list nutritional information for items more accurately and easily

### OnProcess Technology

**Kolkata, India**

*Data Analyst Intern*

*July 2019 – Aug 2019*

- Collected, sorted, and analyzed historical data of frequent customer requirements and complaints to improve internal employee training programs which increased agent efficiency by 12%
- Implemented an NLP Sentiment Analysis model to understand the key trends and insights on the conversations between the agents and customers to improve internal troubleshooting protocols

## PROJECTS

### TuneIn

*June 2020 – July 2020*

*Node.js, Express.js, React.js, Redux, Spotify API, Microsoft Cognitive Services API*

- Built and deployed a web application that uses computer vision to analyze the user's environment and provides an original playlist of music based on the user's surroundings
- Designed the authentication feature using the OAuth 2.0 flow to enable users to log in and keep track of their playlists

### Emaily

*May 2020 – June 2020*

*Node.js, Express.js, React.js, MongoDB, Redux, SendGrid API*

- Developed a web application that allows users to send custom surveys, track their responses using Webhooks, and analyze the feedback/response through visual dashboards
- Integrated the application with the Stripe API to enable payments from the customers using this application

## SKILLS

**Programming:** C++, Java, JVM, Python, Node.js, React, Express.js, JavaScript, HTML/CSS, SQLite, Postgres, MongoDB

**Tools:** Git, XCode, Visual Studio, IntelliJ, Datadog, AWS, Kubernetes, Docker, Microsoft Excel, Word, PowerPoint