

Praneeth Guduguntla

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EDUCATION

University of Illinois at Urbana-Champaign

August 2020 - Present

B.S. Computer Science, Class of 2023

GPA: 3.94

Honors: Dean's List, James Scholar at Grainger College of Engineering

Relevant Coursework: Multivariable Calculus (A), Software Design Studio (A), Probability and Statistics (A), Discrete Structures (A), Linear Algebra (A)

EXPERIENCE

Bloom Energy

June 2021 - August 2021

Software Developer Intern

San Jose, CA

- Spearheaded a project to rebuild a backend API for a company portal by implementing gRPC and fastAPI wrapper to reduce latency between API calls and ultimately enhance the backend with modern protocols
- Revitalized application UI built with deprecated technologies by developing a dynamic React application, introducing the team to a previously unexplored technology
- Improved AngularJS stock chart latency by implementing and fine tuning additional modules provided by Highcharts.js

Calypso Finances

May 2020 - August 2020

Software Engineering Intern

Berkeley, CA

- Engineered the minimum viable product (MVP) from scratch using a React/Redux frontend and Node.js, PostgreSQL, TypeScript backend to deliver a functional application for simulated beta testing
- Redesigned entire UI/UX of the application, from detailed mockups to a working implementation to lift the frontend to match modern web design standards
- Integrated Plaid Bank API to allow the company to securely retrieve user financial data from customers interested in finding or refinancing personal loan

Tinosys

May 2018 - August 2018

Software Engineering/Marketing Intern

Sunnyvale, CA

- Explored and implemented industry standard Natural Language Processing (NLP) models (Word2Vec, GAN) to customer service text data to extrapolate business insights
- Devised an automated testing suite to measure efficacy of the company's NLP models against the models that I developed
- Upgraded and standardized the startup's existing branding and revamped the pitch slide deck for investment pitches

Spotify Party

April 2020 - Present

Product Creator

Cupertino, CA

- Founded an open source Google Chrome Extension with over 3000+ weekly users across the world
- Enhanced the Spotify web experience by enabling users to listen to music simultaneously with their friends on separate devices (Features include live messaging, pause/play, skipping music)
- Created a Node.js backend REST API with real-time web sockets (Socket.io) and deployed as a Heroku application

Product Website: <http://spotifypartyapp.com>

SKILLS

Experienced: Java, Python, JavaScript, Node.js, Express, React, Redux, SQL, MongoDB, Numpy, Pandas, HTML5, CSS3, REST API Development, React Native, OpenCV, Android, UX/UI, gRPC

Familiar: C++, Scikit-learn, Swift, Heroku, Docker, AngularJS

ACCOMPLISHMENTS

- 1st Place at Silicon Valley Hackathon - Sentinel, Android application that allows school administrators to communicate with students directly in emergencies
- Presented Neuroimaging research at BU RISE Poster Symposium **Research Poster:** <https://bit.ly/31xvdRz>
- Receives 2,400+ monthly Medium reads on technical articles and discussions