

Yash Goenka

yashgoenka.com | linkedin.com/in/yashvg/ | github.com/yashgoenka

Email : yash@berkeley.edu

Mobile : +1-510-708-9893

EDUCATION

- **University of California Berkeley** Berkeley, CA
Bachelors in Data Science May 2022
 - **Relevant Coursework:** Data Structures; Algorithms; Software Engineering; Database Systems; Artificial Intelligence; Machine Learning; Applied Data Science; Data Engineering; Business Analytics
 - **Concentration:** Domain Emphasis in Business and Industrial Analytics; Certificate in Entrepreneurship & Technology from Sutardja Center for Entrepreneurship & Technology

EXPERIENCE

- **Instawrite** San Francisco, CA
Founder March 2022 to Present
 - **AI Writer:** Generates high converting ad copy for digital marketing. Available at instawrite.ai.
 - **Fullstack:** Built using the world's largest AI language model, GPT-3 by OpenAI, Next.js, Vercel and Firebase.
- **Ecomap** Berkeley, CA
Software Engineering Intern February 2022 to May 2022
 - **Web Development:** Developed Front-end features for the Metamap Platform. Improved mobile responsiveness and speed of the website by over 30%. Designed essential internal tool to simplify ETL process for Data team.
 - **Database:** Rebuilt the database from scratch. Made it 2X faster at loading queries across all platforms.
- **AllSides** San Francisco, CA
Software Engineering Intern June 2020 to October 2020
 - **Javascript Widgets:** Developed syndication widgets for AllSides. Available at www.allsides.com/syndication.
 - **Databases and APIs:** Built databases and REST APIs using MySQL, PostgreSQL, Express, Firebase and AWS.
 - **Optimization:** Decreased jQuery widgets load time by up to 80% using lazy loader while yielding better SEO results. Orchestrated efficient large-scale software deployments, including testing features and correcting code.
- **Iris BCI** Berkeley, CA
Co-founder September 2016 to August 2019
 - **Brain Computer Interface:** Designed and developed device that helped disabled individuals to communicate using just their thoughts. Device was 5 to 7 times faster than the current best assistive communication devices.
 - **Startup:** Secured grants and working space. Worked with Sequoia Capital, The House Fund, Free Ventures

PROJECTS

- **AI and Machine Learning** Berkeley, CA
Individual Projects May 2020 to Present
 - **Detect Fake Text:** Developed a model that validates if a text was generated using GPT-2 by OpenAI.
 - **Stock Price Prediction:** Built a pipeline that lets anyone train their own ML models on multiple stocks.
- **Berkeley Hyperloop** Berkeley, CA
Software Engineer August 2017 to July 2019
 - **Hyperloop Pod:** Designed and built a levitating train that shot through a vacuum tube at 750+ mph.
 - **SpaceX:** Reached finals of Hyperloop Pod Competition by SpaceX in 2017, 2018.
- **Space Enterprise at Berkeley** Berkeley, CA
Software Engineer August 2017 to December 2018
 - **Eureka - 1:** Engineered avionics software for a rocket that is 50% faster than the speed record by universities.

SKILLS

- **Languages:** Python, Java, Javascript, Node.js, React.js, Next.js, jQuery, SQL,
- **Tools:** MySQL, PostgreSQL, MongoDB, Flask, Git, Docker, Kubernetes, AWS, Firebase, GCP, Git
- **Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, BeautifulSoup, Scrapy, Express.js
- **ML Libraries:** SciKit-Learn, SciPy, Keras, PyTorch, Tensorflow, XGBoost, LightGBM, NLTK, Spacy, OpenAI GPT-3
- **Awards:** UC Berkeley Big Ideas Finalist; National Innovation Foundation award (top 28 of 27,000); Intel Science and Engineering Fair (Iris)- Silver Medal (top 15 out of 1,800 finalist from 2 million+ submissions)
- **Patent:** Method For Designing A Graphene Based Supercapacitor (2020) (Patent No. 328983) (bit.ly/ygpatent)