Shreyas Gupta

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↗ shreyas.design   ↗ Github

Work Experience

University of Gothenburg
Intern & Thesis Student / Aug '20 - Present
Working with the HCI department to compare and understand objective and self-report estimates of screen time on digital devices in a familial context. Currently doing my Master's thesis in collaboration with the department.

IIIT Bangalore
Teaching Assistant / Sep '20 - Dec '20
Teaching Assistant for the course AI 511: Machine Learning. Took sessions on various topics. Graded, provided feedback and guidance to a class of 350 students.

GE Healthcare
Data Science Intern / May - July '19
Worked with the services DS team to develop a machine learning pipeline for medical equipment recovery using Prognostic analysis. Helped save time and cut costs in the manual asset recovery process.

LexHeal
Product Designer / Jul '18 - Apr '19
Designed an app for monitoring physiological and psychological development in infants and toddlers, while developing go-to-market strategies and identifying business challenges.

Community & Volunteering

EarthHero
iOS Developer / July '20 - Present
Volunteering as a developer and designer to localise the app for Indian users, improve design consistencies and fix UX issues.

TEDxIIITBangalore
Organiser, Mentor / Nov '17 - Present
Led the team that organised the very first TEDx event at IIIT Bangalore. Mentored the team through subsequent events as well as our first virtual event during the COVID-19 pandemic.

Education

IIIT Bangalore
Integrated Masters 5-year program (B.Tech + M.Tech) / 2016 - 2021

Projects

BlinKeyboard (ongoing)
A Flutter app for semi-coma patients that let's you type by blinking morse code through your eyes.

Financial Investment Advisor
A NLP toolkit which provides investment advice based on market sentiment, financial reports and market indicators.

EMG-based HMI
An arduino prototype for converting EMG signals into machine controls.

Achievements

2nd runner up in GE Healthcare Precision Challenge 2018. Won Rs. 50k in cash and secured an internship.

Global semi-finalists in HILTI IT Competition 2018. Among top 30 teams worldwide.

Skills

Research
Usability Testing
Interviews   Surveys
Prototyping

Design
Sketch   Figma
Principle   Photoshop
Illustrator   Blender

Development
Data Analysis   Machine Learning   Python
Flutter   Neural Networks   HTML/CSS/JS
iOS Development   React