

Gaurish Katlana

katlana.com

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EDUCATION

MINERVA SCHOOLS AT KGI

BS IN COMPUTER SCIENCE AND PHYSICS

Expected May 2023 | San Francisco, CA

College of Natural Sciences

Cum. GPA: NA / 4.0

Major GPA: NA / 4.0

DELHI PUBLIC SCHOOL HARNI

Grad. May 2019 | Vadodara, India

LINKS

Facebook:// [Gaurish](#)Github:// [BeyondInfinities](#)LinkedIn:// [gaurishkatlana](#)Twitter:// [@GKatlana](#)Portfolio:// [Katlana.com](#)

COURSEWORK

UNDERGRADUATE

Algorithms and data structures

Statistical Mechanics

Causal Inference

Cloud Computing

Multimodal communications

Statistics

(Teaching Asst.)

Polymers

HIGH SCHOOL

Information Retrieval

Physics

Mathematics

Functional Programming

English literature + Practicum

Unix Tools and Scripting

SKILLS

PROGRAMMING

Over 5000 lines:

Java • Shell • Python • Javascript

Rails • \LaTeX

Over 1000 lines:

C • C++ • CSS • PHP • Assembly

DESIGN

Figma • Unity • Adobe suite • p5.js

EXPERIENCE

MINERVA PROJECT INC | TECH SUPPORT INTERN

August 2020 - present | London, UK

HOSPITAL SOFTWARE SHOP | PRODUCT DEVELOPMENT INTERN

May 2018 – June 2018 | Indore, India

- Designed new interactive data visualizations using d3 library.
- Optimized Ask Bar by reducing JDBC instances backend by 45% on mobile and 28% on the web.
- Developed three products from scratch. Worked with version control software Git to create application in collaboration with colleagues

MINERVA SCHOOLS AT KGI | PROGRAMMING PEER TUTOR

Sept 2019 – April 2020 | San Francisco, CA

- Organized structures study sessions and hold office hours.
- Graded Jupyter exercise notebooks on a weekly basis.

HOSPITAL SOFTWARE SHOP | SOFTWARE ENGINEERING INTERN

April 2019 – June 2019 | Palo Alto, CA & Ithaca, NY

- Created ruby instrumentation to standardize error reporting across services.
- Quantified user experience index using error reports and analyzed error data to design interventions.
- Single-handedly managed backend MySQL database for 12 service based software.

RESEARCH

GENSLER INCLUSIVE DESIGN LAB | RESEARCH ASSISTANT

Sept 2019 – April 2020 | San Francisco, CA

Worked with **Michelle Baverman** and **Nick thomas** to create a resource module and literature review to describe the inclusive design standards at Gensler for designers.

HYDERABAD WATER BOARD | PROJECT MEMBER

Oct 2020 – Nov 2020 | Hyderabad, India

Developed *Pani Dhan*, an action plan to devise a rainwater capture plan based on drainage simulation.

AWARDS

2019	99.2 percentile	IITJEE all India rank
2019	1 st /50	Microsoft Dubhacks Coding Competition, UWash
2019	National	NASA Space Challenge Finalist
2017	National	Indian Earth Sciences Olympiad (IESO) Finalist

PUBLICATIONS

- [1] G. Katlana. Accessibility and workspace design: A literature review and systematic thinking model. *The Disability Studies Reader*, in press.