# Anant Saxena

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## EXPERIENCE

**SPRINKLR  |  Product Engineer (SDE-1) Intern**
May 2022 – July 2022
Created a Java-based Slack bot that supports queries on large Redis databases without invoking Redis clients. Deployed on company servers via Kubernetes.
Exposure: Redis, Maven, JUnit, CI/CD, Docker, IntelliJ

**WORLDQUANT  |  Quant Research Consultant**
Oct 2022 - Present
Developed Alpha trading models for financial instruments using dataset analysis and investment strategies.
Exposure: Stock Market, Time-Series data

**SOGAGE  |  Intern at Social Media Stealth Startup**
Feb 2022- April 2022
Built Reactive components and Django backend pipeline for auto-refreshing social media feed.
Exposure: Django, ReactJS

## ACHIEVEMENTS

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|---|---|
| Qualified | - ACM-ICPC Regionals 2021 |
| GLOBAL RANK 70 | - Google Kick Start Round C 2022 |
| GLOBAL RANK 90 | - Google Kick Start Round F 2022 |
| INDIA RANK 69 | - Google Hash Code 2021 Qual. Round |
| GLOBAL RANK 106 | - GOLD @ WorldQuant BRAIN Alphathon 2022 |
| SCHOLARSHIP | - from AlphGrep Securities Pvt. Ltd. |

📈 Candidate Master on CodeForces | Max. Rating 2096
📈 5 Star on CodeChef | Max. Rating 2127

## RESEARCH

**GECCO '22, BOSTON, US  |  Parallel Computing  |  📄 Paper**
Jan 2021 – July 2022
- **Published & Presented a paper in the tier-A conference** 'The Genetic and Evolutionary Computation Conference', on the topic: "Parallelization of Corner Sort with CUDA for Many-Objective Optimization", a method for fast, reliable and GPU-friendly sorting of multi-dimensional objects.

**UG PROJECT  |  Genetic Quantum Computing**
*Research under Prof. S.K. Singh, IIT (BHU)*
Jan 2022 – Present
- Research into the performance of a quantum-inspired evolutionary optimization algorithm on Image Segmentation and Feature Selection.

## PROJECTS

**RECRUITMENT PORTAL  |  Spring Boot  |  ⌗ Git Repo**
Nov 2021 - Dec 2021
Developed a Web App using Spring Boot Framework that facilitates the hiring process for internships and jobs at universities.
Exposure: Spring Boot, Java, SQL, Git

**RHIDAM MUSIC LIBRARY  |  Django Web App  |  ⌗ Git Repo**
Aug 2020 - Nov 2020
Built a web app that allows creation of private music libraries.
Exposure: Django, HTML, CSS, Azure

## EDUCATION

**B.TECH IN COMPUTER SCIENCE AND ENGINEERING**
Indian Institute of technology (BHU), Varanasi
CPI: 9.77            (2019 - Present)
Department Rank 2
- Awarded grade A in 30 courses with A*, for exceptional performance in Artificial Intelligence, Distributed Computing and Intelligent Computing

## LINKS

🌐 anantsaxena.dev/
in linkedin.com/anant-saxena/
⌗ github.com/anant-saxena/

## POSITION OF RESPONSIBILITY

**COMPETITIVE PROGRAMMERS CLUB**
Core Member
2020 - 2021
Problemsetting for Rated Contests on the Codeforces and Codechef platforms and teaching younger coders.

## SKILLS

**LANGUAGES**
C++ • Cuda C++ • Python
Java • SQL

**TOOLS AND LIBRARIES**
Redis • Django • Spring Boot
Docker • Kubernetes
Maven • Numpy • Pandas

## EXTRA-CURRICULAR

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|---|---|
| **1st Place** | Aagman, College Group Dramatics |
| **2nd Place** | Varanasi Wordfest 2020, Inter-College Creative Writing |