

Atharavaa Khanzode

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Profile

- I am a 2nd-year dual-degree student at BITS Pilani, pursuing an M.Sc. in Economics & Finance and a B.E. in Electronics and Communication Engineering. My interests include Finance, Blockchain, Cryptocurrencies, Statistical and Data Analytics and AI integration. During my summer internship at Mahindra, I gained hands-on experience in Data Analysis, Quality Control, and Process Optimization, with extensive use of Microsoft Excel.
- I want to get into the research domain and thus want to work on projects.
- I take interest in reading medical / clinical research papers in my free time as well and intend to learn more.
- Additionally, I play chess semi-professionally with a 2000+ Blitz rating on Lichess.
(<https://lichess.org/@/atharvaakhanzode>)

Experience

Department of Finance and Assets Management, BITS Pilani-Goa campus | DoFAM

Senior Finance Associate | 08/2023 - Present

Combined fest budget of 3.5+ Cr managed by the department comprising fest passes, merchandise, infrastructure and prize money, along with managing fest entry to events and budget allocation to various departments.

Mahindra & Mahindra Ltd | Mumbai

Summer Intern | 06/2024 - 07/2024

Project: Human Error Prevention (HEP) to Achieve Zero Defect Banjo Gear Carrier (GC) Assembly.

- **Analysed manufacturing data** to identify main defect causes using QC tools (**7 QC tools, fishbone diagrams, Pareto charts, control charts, histograms, CRM, ABC analysis, box plots**) and **extensive use of Excel**.
- **Identified primary defect causes:** High Spot and Bad Contact contributing 76.8% and 19.9% respectively of the total NOT-OK Gear Carriers.
- Validated hypothesis through testing of hypoid pairs post-phosphoring, confirming the external vendor as a defect source. Suggested and implemented a second testing station post-phosphoring, leading to significant defect reduction. Achieved a **reduction in total defect RPT from 194 to 58** and **high spot defect RPT from 148 to 12 (14.8% to 1.2%)**.

AfterBoards

Content Manager / Subject Matter Expert | 01/2024 - 04/2024

Designed question paper sets for the IPMAT entrance exam, conducted for admission into the IIMs for admission into the integrated MBA program after +2. Subjects- Math, Logical Reasoning, Data Interpretation and English

Education

BITS Pilani

M.Sc. Economics + B.E. Electronics & Communication (ECE) | 05/2028

Skills

C/C++, JSON, Data Analytics, Microsoft excel, Documentation Review, AI, Statistical Analysis, Python, Process Improvement

Test Scores

- IISER Aptitude Test (IAT)- All India Rank 1002 out of 34,751 candidates. (Admitted to Integrated IISER Kolkata)
- NEST (NISER)- All India Rank 597
- NTSE Stage 1- State Rank 27 (Goa)