

Robust AI System

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graph TD; A[Robust AI System] --- B[System-Level Faults]; A --- C[Input-Level Attacks]; A --- D[Environmental Shifts];
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System-Level Faults

- ▶ Bit Flips
- ▶ Component Wear-out
- ▶ Memory Errors
- ▶ Power Failures
- ▶ Temperature Extremes

Input-Level Attacks

- ▶ Adversarial Attacks
- ▶ Data Poisoning
- ▶ Prompt Injection
- ▶ Input Manipulation

Environmental Shifts

- ▶ Data Drift
- ▶ Concept Drift
- ▶ Domain Shift
- ▶ Distribution Changes
- ▶ Context Evolution