

Ehsan Kiakojouri

CV of Failure

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This is my CV of failure, inspired by [Naser Noshadi](#)'s talk at the Shiraz University of Technology.

Most of what I try fails, but these failures are often invisible, while the successes are visible. I have noticed that this sometimes gives others the impression that most things work out for me. As a result, they are more likely to attribute their own failures to themselves, rather than the fact that the world is stochastic, applications are crashshots, and selection committees and referees have bad days. This CV of Failures is an attempt to balance the record and provide some perspective.

This CV is unlikely to be complete – it was written from memory and probably omits a lot of stuff. So if it's shorter than yours, it's likely because you have better memory, or because you're better at trying things than me.

RESEARCH
INTERESTS I
WAS NOT
SMART OR
BRAVE
ENOUGH TO
EXPLORE

- Cognitive & Brain Science
- Robotics

DEGREE
PROGRAM
REJECTIONS

- Sharif University of Technology, Tehran, IRAN. 2018
B.S. in Aerospace Engineering.
- Shahid Haqani High school. (Affiliation: National Organization for Development of Exceptional Talents), Bandarabbas, IRAN. 2014

HONORS AND
AWARDS

- **RoboCup 2020, Soccer Simulation 2D League, Worldwide in France.**
this team and the intimacy between team members was the consequence of the previous experience. however, after disbanding the team. in another lecture I figured out that the uncooperative behavior of the team members originated from each person having his own plan and idea for the team to follow I asked the reason in the same lecture and the answer I was given was profound.
“If you want your team to cooperate with your idea, you have to make them feel they own the idea.”
–Naser Noshadi–
- **Ranked ACM-ICPC Asia Regional Contest, Tehran, Iran, November 2019.**
this was one of my very first experiences with teamwork, it taught me many valuable lessons. I think through this work I was able to first establish communication with my teammates. however, I believe the most important lesson I have learned from this experience was that soft skills are important and team members are also important but the most important factor in determining the success of the team is neither the skills possessed nor the performance shown by the team members but the trust and their potential to inspire high trust.
“The challenge is helping those who lack it build the trust they need to succeed.”
–Simon Sinek–

RESEARCH
EXPERIENCE

- **Investigating methods for blood test replacement through retinal imaging**, Aug. 2020 – Jan. 2021.
We have tried to extract components of blood using retinal imaging. however, it was a failed work in the beginning because there was no medical evidence to justify the possibility of the research. but it was fun to investigate!
- **Developing gradient based swarm optimizer for the optimization of weights and parameters of deep neural networks**, Dec. 2020 – Mar. 2021.
This was truly brilliant work because we have worked very hard to achieve the results and utilized lots of canny ideas to pass through challenges but optimizing roughly 1 million parameters of neural networks seems impossible for swarm optimizers to reach. However, the yielded knowledge was applied to two other research projects which helped impressive outcomes. besides, I have learned that to finally provide support for my team members and make them own the idea and help them understand the idea belongs to the team, not the person.

- **Developing reusable weather balloons**, Jan. 2016 – Mar. 2017.
This was my first step in the field of research. I was 16-17 years old. I was just pursuing my idea to bring it into reality and that was anything but professional. But I have learned that in order to do great work you would need a great experience that can be drawn from great people with vast knowledge of the field. Therefore, I can say I have improved my ability to ask the first stupid question and do it enough to be able to communicate and find a valuable network of people with experience.

SKILLS

- **Human Languages:** French
- **Programming:** Pytorch, LATEX

CERTIFICATES

- **Online Courses**, I have around 10 courses I need to do but not doing because I am lazy, 2020