

Ron Visbord

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I'm a senior software engineer and team leader with 15 years of experience at top institutions and an M.Sc in CS.

I'm highly skilled and results-driven, having led innovative designs, optimized complex systems, and drove teams to deliver scalable solutions. I'm passionate about software engineering and I always get what is best-for-the-business done.

Experience

2018 - today: Team Leader and Tech lead, Waze Routing, Google



- Team leader of 4-6 veteran Googlers. Guided their careers, professional standards and contribution to Waze.
- Owned the Waze Routing service which serves 200M+ drivers and dozens of use cases.
I extracted it from a legacy monolith and lovingly grew it into a mature service, outpacing Product requirements.
- Drastically improved company OKRs s.a. eta-accuracy (+30%), drive-through rate (+15%), OpEx (-20%) with ML.
- Led/owned all new user-facing Routing features over the last 4 years s.a. new screens (Trip Overview, Alternative routes, Predicted Destinations) and new routing algorithms (preferred routes, natural alternatives).
- Developed the Carpool Rider ⇄ Driver matchmaker algorithm, at the core of Waze Carpool.

2016 – 2018: Senior SWE, Twigggle



- Drastically reduced customer onboarding time by developing a "Semantic Translation" API which converts Twigggle's semantic search signal to Apache-Solr and Elasticsearch DSLs.
- Headed first on-site client integration, clinching the deal on our first live customer.

2010 – 2016: Team Leader and SWE, IDF 8200



- Team leader of 12 SWEs. Developed and managed critical full-stack stream-processing and big-data systems.
- Implemented Geo-Spatial and NLP stream pipelines which flagged suspicious activity in real-time.
- Responsible for Big Data best practices, performance tuning, training etc across enterprise.
- Received "Creative Thinking Award" from 8200 commander for "*innovatively addressing a national threat*".
Received "2014 IT Award" for Business Process Improvement

Education

2022: Parallel clustering algorithm [published in AIStats](#) - "*Fast distributed k-means with few rounds*"

2013 - 2017: M.Sc. in CS with honors, GPA 91, Thesis in Computational Genomics

- Under Prof. Ilan Gronau I introduced [McRef](#) - a Bayesian method to compare demographic trees.
- Presented at ProbGen16, department of statistics, Oxford University.

2008 - 2010: BSc in CS & Math, Tel-Aviv University

- Top 2nd percentile on Israeli psychometric exam (score 741/800).