Ron Visbord

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I'm a well-rounded professional software engineer with experience leading designs, systems and teams. I thrive anywhere between low level algorithmics, through high-load and complex system design, to user-facing and business-driven development. I'm passionate about software engineering and I get what is best-for-the-business done.

Professional Experience

2022 - today: Tech lead, then Team Lead at Waze Routing, Google

- As <u>tech-lead</u> I was responsible for finding+giving drivers the best route Waze has to offer.
  I significantly improved route+eta accuracy, user engagement, system opex etc. for Wazes' millions of users.
- As <u>team-lead</u> I was responsible for 4-6 Googlers. I guided their career growth, professional standards and contribution to Waze.

2018 – 2021: Software engineer at Waze Carpool, Google

- Designed and developed the a Carpool Rider⇔Driver matchmaker algorithm - the core of the Carpool product.
- Submitted to NeauRIPS2022 - "*Fast distributed k-means with few iterations*" (arxiv).

2017 – 2018: Search Engineer at Twiggle

- Developed a "Semantic Translation" API which converts Twiggle's semantic search signal to Apache-Solr and Elasticsearch DSLs. This drastically reduced new customer onboarding time
- Headed first on-site integration, clenching the deal on our first live customer
- Contributed to CPython

2010 – 2016: Stream Processing Developer & Big Data Team Lead at a top IDF Intelligence unit

- Led a team 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 corps commander for innovatively addressing a national threat.
  Received "2014 IT Award" for Business Process Improvement - www.pc.co.il/it-news/173857

Education

2013 - 2018: **MSc in Computer Science with honors** at Reichman U**,** GPA 91, **Thesis in Computational Genomics**

- Under Dr. Ilan Gronau I introduced McRef - a Bayesian method to compare demographic trees.
- Presented at ProbGen16, department of statistics, Oxford University

2008 - 2010: **BSc in Computer Science & Math** at Tel-Aviv University, 741 on psychometric exam