

Ron Visbord

ronvisbord@gmail.com

(404)-441-3338

Seasoned software engineer with an M.Sc in CS and 15 years of experience building user-facing large-scale systems. Proven track record in leading a user-oriented team to drive OKRs, optimize experiences and increase revenue. Expertise includes distributed systems architecture, large-scale data processing, full-stack development, AI/ML integration, and technical leadership.

Experience

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



- Tech leader of 4-6 Googlers. Guided their careers, professional standards and contribution to Waze.
- Owned the Waze Routing service - a large-scale distributed Java Server ☕ in GCP ☁️ (200M+ daily drivers). I extracted it from a monolith and lovingly scaled it into a performant service, outpacing Product requirements.
- Improved OKRs through experimentation 📊🔬 - eta-accuracy (+30%), drive-through rate (+15%), OpEx (-20%)
- Together with Product, Led or owned all new user-facing Routing features over the last 4 years s.a.
 - New screens - Trip Overview, Alternative routes, Predicted Destinations
 - New routing algorithms - LLM Route Explanations, preferred routes, natural alternatives,
- Developed the Carpool Rider ↔ Driver matchmaker algorithm, at the core of Waze Carpool.

2016 – 2018: **Senior SWE, Twigggle**



- Developed Twigggle's core full-stack Search Engine in Python 🐍, **django** and React ⚛️
- Drastically reduced onboarding time by translating Twigggle's semantic search signal to Apache-Solr/Elasticsearch.
- Headed first on-site client integration, clinching the deal on our first live customer.

2010 – 2016: **Team Leader and SWE, Unit 8200**



- Team leader of 8 Engineers. Developed critical full-stack stream-processing systems in C++ and AngularJS ⚡
- 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**

- I introduced [McRef](#) - a Bayesian method to compare demographic trees in Python & C++
- Presented at ProbGen16, department of statistics, Oxford University.

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

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