

# SHAHAR RONEN

Seattle, WA • [www.shaharonen.com](http://www.shaharonen.com)

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## EXPERIENCE

- MICROSOFT CORPORATION** Bellevue, WA
- 2017-present **Product Leader, Market Intelligence Forecasting**  
Lead product management for AI forecasting solution powered by data from customer, 3<sup>rd</sup>-party and Microsoft sources.
- Define strategy and vision for delivering AI forecasts to Fortune 500 companies. Own product roadmap; cross-functionally manage data science, engineering, design, business development, marketing, sales, PR, legal teams.
  - Analyze customers, provide requirements and lead data science team in building predictive models that achieve 24-month lead on market trends, 25% improvement in accuracy for automotive forecasts, 40% for retail/CPG forecasts.
- 2015-2017 **Senior Product Manager, Bing Predicts**  
Led cross-functional team that designed, built and launched consumer experiences and enterprise solutions powered by machine learning predictive models that use search and web data.
- Scaled product from early stage to 100+ prediction events (sports, entertainment, politics) while improving accuracy and user engagement; launched Bing and Cortana experiences generating 3000+ articles and Guinness World Record.
  - Defined requirements and time tables, worked with data scientists to deliver customer PoCs in 5+ industry sectors.
- 2013-2015 **Product Manager II, MSN Analytics**  
Own from design to launch MSN downstream telemetry pipeline, collecting data from hundreds of millions MAUs.
- Led UI design, development and launch of cross-platform, real-time reporting tools for MSN and 300+ external content partners. Increased active users by 180% while reducing monthly costs by 50%.
  - Defined, analyzed and reported key business metrics to VP. Evangelized data-driven decision-making processes by training 100+ team members and 20+ instructors to use my tools for producing own insights.
- 2006-2010 **IBM RESEARCH** Haifa, Israel  
**Research Staff Member, Storage Research**  
Researched, designed, implemented, and tested solutions for cloud storage and long-term digital preservation (LTDP).
- Led development of software demo that won large deal with core customer.
  - Consulted and assessed long-term digital preservation readiness for a new IBM storage service.
  - Published two patents, five papers, and open-source software packages on SourceForge and IBM alphaWorks.
- 2002-2005 **PHILIPS MEDICAL SYSTEMS** Haifa, Israel  
**Software Testing Team Leader, Mx8000IDT/Brilliance 16 CAT Scanner**  
Directly managed scanner's software testing team (eight people) during three full release cycles.
- Led product improvement task force for company's leading CAT scanner, a US\$1M product: visited customers to collect feedback, prioritized issues, researched and evaluated solutions with software dev., UX and clinical teams.
  - Designed and implemented process to reduce software installation time by 30%.

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## EDUCATION

- 2011-2013 **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** Cambridge, MA  
Master of Science degree in Media Arts and Sciences. Researched global culture applying data science and NLP at the *MIT Media Lab*. Thesis on Global Language Networks published on *Proceedings of the National Academy of Sciences* (PNAS) and awarded *Science Magazine's Top 10 Stories of 2015*. Supervised four undergrad research assistants.
- 2007-2011 **UNIVERSITY OF HAIFA** Haifa, Israel  
Master of Arts degree in History, *first in class*. Outstanding Grad Student, Faculty of Humanities.
- 2004-2007 **UNIVERSITY OF HAIFA** Haifa, Israel  
Bachelor of Science (double major) degree in Computer Science and Interdisciplinary Honors Program, *summa cum laude*. Best Undergraduate Thesis; Best Speaker, 2007 National Debate Championships; Tutor, CS Department.

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## SKILLS AND INTERESTS

**Software** Python, R, SQL, C, C++, Java, XML, Windows, Linux, and Mac

**Interests** Language and linguistics, Roman history and classics, running, international travel to over 20 countries, guitar playing

*Over 10 refereed publications, 2 US patents and 20+ media appearances. See [www.shaharonen.com](http://www.shaharonen.com) for a detailed list.*