

# Maria Dyshel

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**Summary** A multi-disciplinary technology leader and Forbes 30 under 30 social entrepreneur with 10+ years of experience at the intersection of technology and social impact. Extensive background in driving product development from concept to scale and managing full-stack teams. Experienced in shaping effective digital and data strategies that deliver results.

## Professional Experience

2019-present **TANGIBLE AI**

**San Diego, CA**

### *Founder & co-CTO*

Leads the development of Tangible AI's flagship product Delvin, an AI assistant building platform for safe and reliable AI conversations, in addition to ongoing client support.

- Defines the vision for the product, the client persona and product positioning.
- Manages the product roadmap and feature backlog.
- Works with designers to create feature specifications and manages the full-stack technical implementation in Python/Django and React.

### *Co-Founder & CEO*

Built from scratch a consulting company that helps social sector organizations create custom AI and chatbot solutions to scale their impact.

- Managed the strategic direction of the company; recruited, trained and managed a team of 3 FTEs.
- Led and advised 30 projects of applying AI and chatbot technology for social impact and consulted dozens of nonprofits on AI and data strategy.
- Oversaw 4 chatbot-based products from concept to scale, serving in total more than 300,000 users across 4 continents.

2018-2019 **SANOFI**

**Boston, MA**

### *Digital Initiative Lead*

Responsible for implementation of Sanofi's global digital strategy initiatives.

- Established from scratch an enterprise-wide Conversational AI program; co-lead creation of CAI strategy, chatbot-building service, created and communicated business framework, best practices, and compliance processes for chatbot project creation.
- Supported and led 5 conversational AI projects and a cross-functional advanced analytics partnership.
- Educated more than 1000 colleagues on digital topics and the company's digital strategy.

2017-2018 **FOUNDATION FOR DIFFUSION OF INNOVATIONS**

**Vadodara, India**

### *Product Manager*

Led the design and development of mobile decision support system for community health workers in rural India:

- Performed user research and defined the functionality, prototyped and iteratively user-tested the product.
- Wrote detail-oriented specification documents for development and UI outsourced teams
- Supervised the development process from conception to launch using agile methodology.

2017 **GOOGLE INC.**

**Tel Aviv, Israel**

### *Software Development Intern*

Developed and improved VM management algorithms for Google Cloud.

2016-2017 **GENESIS - RUDAINA**

**Boston, MA – Beer Sheva, Israel**

### *Co-Founder & VP Technology*

Co-founded a nonprofit that strives to decrease the prevalence of genetic diseases in the Bedouin community. Led the development of genetics information portal in Arabic for the community and prototyped an health app for the Bedouin population.

2014-2016 **ENGINEERS WITHOUT BORDERS ISRAEL**

**Jerusalem, Israel**

### *Jerusalem Chapter Founder & Manager*

Founded EWB student chapter in Jerusalem. Developed the chapter to full-functioning organization, established partnership infrastructure, coordinated the chapter's projects, established public relations channels, led the fundraising efforts.

2013-2015 **MOBILEYE INC.**

**Jerusalem, Israel**

### *Algorithm Developer*

Developed and improved computer vision algorithms for road features recognition.

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## Education

- 2014-2017 **HEBREW UNIVERSITY OF JERUSALEM MSc Computer Science**  
**Research focus:** Artificial-intelligence-based modeling of electricity storage market players in the Smart Grid.  
**Awards:** HUJI Excellency Scholarship for Outstanding Students. **GPA:** 95.1 / 100, Magna Cum Laude
- 2011-2014 **HEBREW UNIVERSITY OF JERUSALEM BSc Electrical and Computer Engineering**  
**Honors and awards:** Amirim Honors program for outstanding students, Dean's List, Outstanding Engineering Project Award, *Final* award for outstanding students. **GPA:** 96.1 / 100, Magna Cum Laude

## Awards & Fellowships

- 2021 *WeWork* Women for Tomorrow Fellow  
 2019 *Vital Voices* Leadership Incubator Inaugural Fellow  
 2017 *Forbes 30 under 30* Israel Listmaker (Social Entrepreneurship)  
 2017 *Pears Challenge* Fellow (a venture-builder focusing on technology innovation for emerging markets)  
 2016 *Our Generation Speaks* Fellow (US-based leadership program and startup incubator for Israeli-Palestinian leaders)  
 2016 *Google* Outstanding Fellow (2015-2016; a public speaking mentorship program)

## Recent Conference & Public Talks

- Talk:** “Exploring New Frontiers: The Why and How of Chatbots in International Development”, *ICT4D Conference 2024*  
**Talk:** “Chats that change lives: chatbots in digital programming”, *Nonprofit Technology Conference 2023*  
**Talk:** “Diving into treasure trove of your text data with Natural Language Processing”, *Global Dig. Development Forum 2022*  
**Talk:** “No Code for No Profit: Build Custom Apps for Your Constituents Without Going Broke”, *Good Tech Fest 2022*  
**Invited Webinar:** “Using Chatbots to Engage Your Audiences at Scale”, *TechImpact 2021*  
**Talk:** “Making the World Better, One Artificial Conversation at a Time”, *WomenTech 2021*  
**Poster Session:** “Using interactive Chatbot-Powered education to combat Teen Trafficking in Nepal”, *YTH 2021*  
**Invited Workshop:** “Building a Chatbot in 10 Steps”, *TechForward 2020*  
**Conference Panel:** “The role of people in driving successful digital transformation”, *Digital Transformation Conference 2019*

## Publications

- Lane, H, and M. Dyshel, [Natural Language Processing in Action, 2nd ed.](#), (in early access) Manning, 2024  
 Dyshel, M., D. Arkadir, H. Bergman and D. Weinshal, [Quantifying Levodopa-Induced Dyskinesia Using Depth Camera](#). *The IEEE International Conference on Computer Vision (ICCV) Workshops, 2015*, pp. 119-126  
 Aharony, H., M. Dyshel, A. Harel, M. Rabani, S. Shamah, K. Horn, [Recognition and prediction of lane constraints and construction areas in navigation](#). *US Patent App. 14/828,112*  
 Tenne, R., Teitelboim, A., Rukenstein, P., Dyshel, M., Mokari, T. and Oron, D., 2013. [Studying quantum dot blinking through the addition of an engineered inorganic hole trap](#). *ACS nano*, 7(6), pp.5084-5090.  
 Dadosh, T., J. Sperling, G. W. Bryant, R. Breslow, T. Shegai, M. Dyshel, G. Haran, and I. Bar-Joseph. [Plasmonic control of the shape of the Raman spectrum of a single molecule in a silver nanoparticle dimer](#). *ACS nano* 3(7): pp. 1988-1994.

## In the Press

- Not Just Cost Savings: This Startup Is Shaping AI as a Prosocial Force For Good**, *TechTimes*, 2022  
[Wework is helping women founders get back to the office](#), *WeWork Ideas*, 2021  
[This startup wants to build artificial intelligence with heart](#), *Springboard Blog*, 2020  
[Digital transformation projects will fail without the right culture](#), *TechTarget*, 2019  
[Seven women forging the future of healthcare with AI](#), *InformaConnect*, 2019  
[Getting Muhammad to the mountain](#), *Forbes Israel*, 2017  
[“Makers” project empowers underserved youth in Jerusalem](#) (Hebrew), *Geektime*, 2015