

# Eden Bensaid

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**Computer engineer programming computers to learn from data, with experience in writing production software, leading teams and DJing.**

<b>Education</b>	<b>Massachusetts Institute of Technology (MIT)</b> Candidate for Master of Engineering with a concentration in AI. Bachelor of Science in Computer Science and Engineering with a minor in Mathematics. <b>Cumulative GPA: 4.8/5.0</b>	Cambridge, MA February 2021 May 2020
<b>Work Experience</b>	<b>IBM Watson</b> <i>AI Research Intern</i> <ul style="list-style-type: none"><li>Work with the Visual AI lab at IBM and Language &amp; Intelligence lab at MIT to complete my Master's thesis in Multimodal Generative models for storytelling.</li></ul> <b>DeepMind</b> <i>Software Engineer Intern</i> <ul style="list-style-type: none"><li>Designed, developed, tested and deployed an end-to-end internal project management system for organizing research at scale.</li><li>Worked with stakeholders to collect needs, built an MVP, performed two rounds of user studies to a group of 30 users and a bug bash before deploying the product to production.</li><li>Used TypeScript and Angular for the front-end, Java for the back-end, and Google tools for an efficient integration (such as Spanner, Stubby, Protocol Buffers and SQL).</li></ul> <b>Imperial College London, Department of Computing</b> <i>Undergraduate Student Researcher</i> <ul style="list-style-type: none"><li>Worked with a research scientist to build a live experiment of man-in-the-middle attack and created a data visualisation that demonstrates the information leaked from our phones.</li><li>Back-end, Python: worked with Wigle API, Open Street Maps API, MongoDB, and scraped websites.</li><li>In charge of Front-end, JavaScript &amp; ES6: followed responsive design guidelines, worked with Leaflet-react and React.</li></ul>	Cambridge, MA June 2020- Current  London, U.K June 2019- August 2019  London, U.K July 2018- August 2018
<b>Leadership Experience</b>	<b>Electronic Warfare and Cyber Unit, Israeli Air Forces</b> <i>First Lieutenant</i> <ul style="list-style-type: none"><li>Superior commander of 15 soldiers.</li><li>Certificate of Excellence for outstanding service from Base commander (brigadier-general).</li></ul>	Israel 2011-2016
<b>Projects</b>	<ul style="list-style-type: none"><li><a href="#">LyricsAudioBoost</a>: Lyrics Sentiment Analysis using Spotify &amp; pre-trained BERT with a GRU fine-tuning layer.</li><li><a href="#">Artists Recommender</a>: Neural and Content Based Recommendation system for your favorite artist.</li><li><a href="#">Furfect</a>: Inception + Transfer learning to efficiently find your desired dog in shelters.</li><li><a href="#">Chromania</a>: In a group of three built a 2D Unity SpeedRun game where the player must find the door to escape a dynamic maze.</li></ul>	
<b>Publication</b>	Published in the <i>WWW conference, 2019</i> : “UNVEIL: Capture and Visualise WiFi Data Leakages” as a second author.	
<b>Skills</b>	<b>Software:</b> Python, Java, R, TypeScript, JavaScript, SQL, Julia, C#. <b>Courses:</b> Natural Language Processing (NLP), Modeling with Machine Learning, Statistical Thinking & Data Analysis, Intelligent Multimodal UI, Software for Data Science, Creating Video Games. <b>Languages:</b> Hebrew–native; English–academic proficiency; French–conversational. <b>Extracurricular:</b> DJ and Electronic Music production, MIT Maker Workshop member.	