Margarita GRINVALD

mgrinvald@ethz.ch
margaritagrinvald.com

PhD student in robotic perception with over ten years of coding experience

Education

ETH Zurich

2017 - present — **PhD in Robotics, specialized in Computer Vision**
Advised by Prof. Roland Siegwart.
First-author publication nominated for IROS 2019 Best Cognitive Robotics Paper Award: "Volumetric instance-aware semantic mapping and 3D object discovery," RA-L 2019.

2014 - 2017 — **Master of Science in Robotics, Systems and Control**
Thesis: "TSDF-based incremental global segmentation map". GPA: 5.65/6.00.

USI - University of Lugano

2011 - 2014 — **Bachelor of Science in Informatcs**
Graduated *summa cum laude*. One year exchange at ETH Zurich. GPA: 9.16/10.00.

Experience

2015 - 2016 — **Bloomberg LP, London**
As a software developer intern, I designed and implemented a scalable service to publish real-time trading order data for more than 30.000 clients over the Bloomberg Terminal.

Summer 2015 — **Bloomberg LP, Lugano**
As a software developer intern, I wrapped the C++ library of a highly efficient financial data engine with a more intuitive and expressive Python interface.

Summer 2014 — **Singularity Software, Lugano**
As a software developer intern, I built and maintained multiple web applications and performed successful database migrations on client servers.

Skills

Technical — I routinely program in C++ and Python and use tools such as ROS, Git and Jenkins. Previously, I wrote several lines of code in Java, JavaScript, and SQL.

Languages

Russian	Native proficiency
Italian	Native proficiency
English	Full professional proficiency
German	Limited working proficiency

Others — In 2017, I founded the Zurich Public Speaking Meetup (now 600+ members). Since 2019, I am co-organizer for the Zurich Computer Vision Meetup.