Evin Pınar Örnek

evinpinarornek@gmail.com | evinpinar.github.io/about/

EDUCATION		
Technical University of Munich		**Munich, Germany**
Ph.D. Candidate in Computer Science		2020
(Continuing with Google Unrestricted Faculty Gift)		2021
Technical University of Munich		**Munich, Germany**
M.Sc. Computer Science		2017-2020
KU Leuven		**Leuven, Belgium**
M.Sc. Computer Science Erasmus Exchange		Fall 2018
Bogazici University		**Istanbul, Turkey**
B.Sc. Computer Engineering		2013-2017
UCLA		**Los Angeles, California**
Academic Intensive English & Culture Program		Summer 2013

CONFERENCE PUBLICATIONS

1. Xin Li, Yanyan Li, **Evin Pınar Örnek**, Jinlong Lin, Federico Tombari (2020). Co-Planar Parametrization for Stereo-SLAM and Visual-Inertial Odometry. In *IEEE Robotics and Automation Letters.*

2. **Evin Pınar Örnek**, Marie Francine Moens (2020). Zero-shot Activity Recognition From Videos. In *CVPR 2020 Learning with Limited Labels Workshop, Virtual.*

3. Mehmet Turan, **Evin Pınar Örnek**, Nail Ibrahimli, Can Giracoglu, Yasin Almalioglu, Mehmet Fatih Yanik, Metin Sitti (2018). Unsupervised Odometry and Depth Learning for Endoscopic Capsule Robots. In *IROS 2018, Madrid, Spain.*

4. Mehmet Turan, Yasin Almalioglu, **Evin Pınar Örnek**, Helder Araujo, Mehmet Fatih Yanik, Metin Sitti (2018). Magnetic-Visual Sensor Fusion-based Dense 3D Reconstruction and Localization for Endoscopic Capsule Robots. *IROS 2018, Madrid, Spain.*

RESEARCH EXPERIENCE

Max Planck Institute — **Stuttgart, Germany**
Research Internship — Summer 2017

Involved in a group which develops endoscopic robot capsules for intestinal screening. Worked on multi-sensor calibration and fusion methods, and odometry and depth estimation by deep learning.
Published two papers from this research to the IEEE/RSJ IROS Conference.

PROFESSIONAL EXPERIENCE

Google — **Zurich, Switzerland**
Site Reliability Engineering Internship — Summer 2016

Worked on a distributed database server for a configuration management system.
Implemented the server with Go, tested and deployed. Designed and developed an automation tool as a client.
Re-designed a version management tool on top of the database server.
Presented the projects to to all SREs of Zurich office, resulting a noticable attention.

Algosis   **Istanbul, Turkey**
Software Engineering Internship   Summer 2015

Administered the system, used Redis database, tested the application.
Designed python multiprocessing and multithreading experiments and evaluated.
Estimated financial statistical algorithms and visualised the plots via IPython, SciPy.
Experienced the start-up environment as a first-hand employer.

Stanford University collaboration with Bogazici   **Istanbul, Turkey**
Teaching Assistant to "Introduction to CS"   June 2015

Stanford Prof. Nick McKeown organised a summer course based on Stanford University's CS106 Java course.
Worked as an assistant, lead for a group of students, taught and helped in assignments.

ACM International Collegiate Programming Contest Bucharest, Romania
Southeastern Europe Regionals Participant   2014 & 2016

Participated with a group of three international students.
Received Honourable Mention Certification of Bucharest Site.

Bogazici University   **Istanbul, Turkey**
Teaching Assistant in CMPE 150   2014 & 2016 & 2017

Gave lectures during problem solving sessions for introduction to programming in C & Java languages.

Teaching Assistant in ENG 101   2013 Fall

Helped teacher with exams and projects for the course about Office programs and intro to HTML.

AWARDS &
SERVICES

- German Government Scholarship 2018-2019
- TU Munich International Student Scholarship 2018
- Google Student Retreat in London 2018
- ACM SIGGRAPH 2018 in Vancouver, Student Volunteering - Travel grant
- EMNLP 2018 in Brussels, Student Volunteering - Travel grant
- ACM ICPC Southeastern Europe Regionals Honorable Mention 2014 & 2016
- Grace Hopper Women in Computing Celebration 2015 in Houston - Travel grant
- ACM and IEEE Student Member

SKILLS

Coding

C++, C, Java, Go, Perl, Smalltalk, Scheme, Prolog
Machine learning (python, pytorch, matlab)
Web programming (HTML/CSS, Restful Javascript, PHP, Django Rest Framework)
Experienced in Unix environment, system administration, Perl and CGI programming

Organisational

ACM Algorithm Camp Bogazici University Winter 2015, 2017 (Organizer)
EXIT'15 Technology Days (Organizer, awarded 1000$ by IBM)
Boun ACM Student Chapter (Founder)
Junge Munchner Symphoniker, Istanbul Da Camara Orchestra (Cellist)

Languages

Turkish (Native), English (Fluent, Toefl:112), German(B1), Spanish (B1)