

Evin Pinar Ornek

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EDUCATION	Technical University of Munich <i>M.Sc. Computer Science</i>	Munich, Germany 2017-2019
	KU Leuven <i>M.Sc. Computer Science Erasmus Exchange</i>	Leuven, Belgium Fall 2018
	Bogazici University <i>B.Sc. Computer Engineering</i>	Istanbul, Turkey 2013-2017
	UCLA Academic Intensive English & Culture Program	Los Angeles, California Summer 2013
AWARDS & SERVICES	<ul style="list-style-type: none">• 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 & Conference grant• EMNLP 2018 in Brussels, Student Volunteering - Travel & Conference grant• ACM ICPC Southeastern Europe Regionals Honorable Mention 2014 & 2016• Grace Hopper Women in Computing Celebration 2015 in Houston - Travel & Conference grant• ACM and IEEE Student Member	
RESEARCH EXPERIENCE	Max Planck Institute <i>Research Internship</i>	Stuttgart, Germany 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.	
CONFERENCE PUBLICATIONS	<ol style="list-style-type: none">1. Mehmet Turan, Evin Pinar Ornek, Nail Ibrahimli, Can Giracoglu, Yasin Almalioglu, Mehmet Fatih Yanik, Metin Sitti (2018). Unsupervised Odometry and Depth Learning for Endoscopic Capsule Robots. In <i>Proceedings of IEEE/RSJ IROS 2018, Madrid, Spain</i>.2. Mehmet Turan, Yasin Almalioglu, Evin Pinar Ornek, Helder Araujo, Mehmet Fatih Yanik, Metin Sitti (2018). Magnetic-Visual Sensor Fusion-based Dense 3D Reconstruction and Localization for Endoscopic Capsule Robots. In <i>Proceedings of IEEE/RSJ IROS 2018, Madrid, Spain</i>.	
PROFESSIONAL EXPERIENCE	Google <i>Site Reliability Engineering Internship</i>	Zurich, Switzerland 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 all SREs of Zurich office, resulting in a noticeable attention.	

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

Administered the system, used Redis database, tested the application.
Designed python multiprocessing and multithreading experiments, tested and evaluated(results on GitHub).
Estimated financial statistical algorithms and visualised the plots via IPython and 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.

SKILLS

Coding

C++, C, Java, Go, Perl, Smalltalk, Scheme, Prolog
Machine learning(Matlab, python, pytorch)
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, with assistance of ACM ICPC Gold Medal winner Vasyl Biletskyy)
EXIT'15 Technology Days (Organizer, awarded by IBM Students for a Smarter Planet Project)
Boun ACM Student Chapter (Founder)
Da Camara Orchestra(Istanbul), Junge Munchner Symphoniker(Munich), Arenberg Orchestra(Leuven) (Cellist)

Languages

Turkish (Native), English (Fluent, Toefl:114), German(B1), Spanish (B1)