Görkem Bozkurt

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EDUCATION

Master of Arts (M.A.) – Interaction Design   Sep 2021 – Jun 2023
Estonian Academy of Arts – Tallinn, ESTONIA
- GPA: 3.4

Bachelor of Science (B.S.) – Physics   Sep 2014 – Jun 2020
Bilkent University – Ankara, TURKEY
- GPA: 2.56

WORK EXPERIENCE

Production Specialist   May 2022 – Aug 2022
Swappie International
- Part of a refurbished electronics team that detects and repairs faulty iPhones.

Design Consultant   Dec 2019 – Mar 2020
Türkiye Teknoloji Geliştirme Vakfı (TTGV)
- Was part of a team that developed and managed a year-long Human-centered design curricula for high schools in Turkey called "Hayalini Tasarlayanlar(Dream Designers)"
- Designed tools to assist students and teachers to understand the prototyping and testing stages of the design process.
- Gave lectures on prototyping to high school teachers.

RESEARCH EXPERIENCE

Senior Project, Supervisor: Prof. M. Ö. Oktel   2018 – 2019
Bilkent University – Ankara, TURKEY
- Project: Construction of a wieringa roof and penrose tiling.

Research Intern, Supervisor: Prof. Özgur Basturk   Jul 2017 – Sep 2017
Ankara University Kreiken Observatory
- Developed a Python program which detects the coordinates the telescope is pointing by analyzing the image of the sky.
- Worked with commercial telescopes and learned how to operate them.

Undergraduate Research. Supervisor: Prof. M. Navascues   Jan 2015 – Jun 2015
Bilkent University – Ankara, TURKEY
- Project: Relativistic Effects of Faster-Than-Light Particles in Experimental Situations

TEACHING

Guest Lecturer   Dec 2023
Estonian Academy of Arts – Tallinn, ESTONIA
- Gave a 3 ECTS course titled: "Hands-On Introduction to Physical Computing with Arduino": The aim of the course was to teach beginners the fundamentals of both hardware and software aspects of creating interactive projects. Participants learned how to set up and program Arduino boards, interface various sensors and motors, and gain a foundational understanding of basic electronic circuits. Through hands-on projects and exercises, students developed the skills to create devices that can sense their environment and respond.

Teaching Assistant   Feb 2023
Estonian Academy of Arts – Tallinn, ESTONIA
- Did mentoring for the ID7122: Tangible Design Interaction course, which included digital fabrication techniques and prototyping.

Teaching Assistant   Feb 2016 – Jul 2016
Bilkent University – Ankara, TURKEY
- Worked as a lab assistant for the introduction to Python(CS 115) and Matlab(CS 113) computer labs.

EXHIBITED WORK

Trinteract   Jun 2023
TASE 23 – Freedom Square, Tallinn
- A DIY 3 dimensional input device where participants interacted to move in digital space.

Inhale, Exhale   May 2022

Tangible Design Expo – Gallery Cafe, Tallinn

- Interactive kinetic art piece where participants could experience the air pollution levels of different cities around the world.

SCHOLARSHIPS   **Performance Scholarship, Estonian Academy of Arts**   2022

1200€

Entry Scholarship, Bilkent University   2014

Full Tuition

VOLUNTEER   **Community Manager, Event Organizer**   2015 – 2019
EXPERIENCE

Makers Ankara

- Formed a volunteer team and held weekly meetings to discuss future events.
- Organized exhibitions and contests: Mini Makerfaire Ankara, Ankara Ureten Festivali, Makeathon Ankara
- Gave workshops on open source hardware such as Arduino and Raspberry Pi.
- Was a mentor at weekly maker meetings.

Vice-president   2017 – 2018

Information Security Society Bilkent (Exploit Studio)

- Held weekly information security events
- Gave arduino hardware hacking workshops

Vice-president   2017 – 2020

Bilkent University Astronomy Society

- Was part of a team who organized observation events and lectures.
- Gave a lecture on astrophotography.
- Designed and developed the club website http://bilkent.space along with the logo.
- Designed posters for the events.

LANGUAGES   Turkish: Native
English: Fluent IELTS: 7.5
German: Intermediate (reading); basic (speaking, writing).

SKILLS   **Programming**

LaTeX, Python, C, Java, mySQL, PHP, HTML/CSS, JavaScript, MATLAB

Software

Fusion360, KiCad, Adobe Suite, SuperCollider

Fabrication

Laser cutting, 3D printing, Wood working, SMD soldering, PCB Design

PRESS   **This 3D Printed Clock Runs on Marbles and Watching it Is Soothing Me**

VICE News

https://www.vice.com/en/article/9kvwmd/this-3d-printed-clock-runs-on-marbles-and-watching-it-is-soothing-me

Portable retro CRT game console: the one-thumb entertainment system

Raspberry Pi News

https://www.raspberrypi.com/news/portable-retro-ctr-game-console-the-one-thumb-entertainment-system/

Haunted TV Does Mirror Scares

Hackaday

https://hackaday.com/2020/11/13/haunted-tv-does-mirror-scares-with-raspberry-pi/

[CV compiled on 2023-08-22]