in    🔍        🏠        👥         💼       💬         🔔          👤        ⊞
            Home   My Network   Jobs   Messaging   Notifications   Me ▾   For Business ▾    Retr

**Ufuk Karaca** (He/Him)
Building the future of HMIs @ Incari | Yenibirlider & Girvak Alumni

← **Projects**                                                          ✏️ +

## TÜBİTAK 2209/A - GreenYouth: Sustainability Transformation in College Campuses
Mar 2021 - Dec 2022

Associated with TOBB Ekonomi ve Teknoloji Üniversitesi

Being the predecessor to the GreenYouth Initiative, and later on Greny.co; the project GreenYouth aimed to involve youth stakeholders as policymakers and auditors in the sustainability transformation of universities.

For its pilot works in the TOBB University of Economics and Technology, GreenYouth was awarded the prestigious 2209/A grant by TÜBİTAK, the Scientific and Technological Research Council of Türkiye.

It was also awarded the internal DAF funding by TOBB ETÜ for its innovative approach to interdisciplinary policymaking, bringing together primary stakeholders from Architecture, Engineering and Social Sciences disciplines.

The project, powered entirely by youth volunteers, created the first sustainability and impact inclusion matrix in the region encompassing both academic and operational sustainability and impact inclusion scopes of a university.

The project team was comprised of:
Ufuk Karaca and Ece Zeynep Gerçek as coordinators;
Ceren Civlan, Enes Doğukan Kurnaz, Meryem Torkay, Miray Akçay and Gizem Çorluluoğlu as core team leaders;
and Professors Haldun Yalçınkaya and Ahmet Fatih Karakaya as academic advisors.

Upon founding of the GreenYouth Initiative, the role of project coordinator has been assumed by Ceren Civlan.

## 32 Bit Fixed Point Multifunction Verilog Calculator
Nov 2020 - Dec 2020

Associated with TOBB Ekonomi ve Teknoloji Üniversitesi

[ Show project ⎋ ]

Developed a multifunctional calculator to be used with 32 bit fixed point numbers, encompassing addition, subtraction, multiplication, division, square root, tangent and cotangent functions.

**Other contributors**

( 4 )

## Manevis
Nov 2020 - Nov 2020

[ Show project ⎋ ]

Manevis is the world's first financial youth network, aiming to make finance relatable and financial education reachable for generation Z. This project was developed as part of the Code.YapıKredi Ideathon 2020.

**Other contributors**

## Personal Portfolio Website
Sep 2020 - Oct 2020

Show project ⧉

Developed a personal website utilizing HTML, CSS and JavaScript alongside GitHub Pages based hosting.

### Verilog Implementation of the AES Algorithm ✎
Jun 2020 - Jul 2020

Associated with TOBB Ekonomi ve Teknoloji Üniversitesi

Co-developed an implementation of the Advanced Encryption Standart for logical circuitry using Verilog.

**Other contributors**

### ELH 433 - Emergency Locator for Hydrological and Geomorphological Hazards ✎
Dec 2017 - Apr 2018

ELH 433 was an ultra-affordable wearable locating system designed to minimise the amount of time spent finding victims after hydrological and geomorphological hazards. It uses RF transmitters and receivers within the base of a wearable microchip to provide rescue teams information about distance and 'recoverability' of victims.

It was awarded the National BEBKA Youth Innovators Award and the accompanying grant in 2018 - the largest scientific and technological innovation platform in Turkey at the time with over 5000 applicants.

### Who your viewers also viewed
👁 Private to you

**Someone at TOBB Ekonomi ve Teknoloji...**
View

**Someone at Istanbul Technical University**
View

**Someone at KoRo**
View

**Someone at The Turkish Fulbright...**
View