

# OZGUR GENCER

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## EDUCATION

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### **Grainger College of Engineering at University of Illinois at Urbana-Champaign**

BS in Mechanical Engineering / Minor in Computer Science GPA: 3.72

August 2017 - May 2021

### **Robert College (High School)**

May 2017

## SKILLS

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Programming Languages: Java, Python, SQL, C++, C#, Matlab, JavaScript, C

Packages & Integrations: EC2, Linux, Pandas, MRTK, OpenCV, Plotly, Flask, scikit-learn, MongoDB

Professional Software: Creo Parametric, AutoDesk Moldflow, Unity

## EXPERIENCE

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### **EY**

Chicago, IL

*Tax, Technology, and Transformation Software Developer*

July 2021 - Present

- Automized manual accounting processes
- Implemented diagnostics backend function ensuring the accuracy of data for over 150 clients
- Authored SQL triggers for error checking and logging

*Tax, Technology, and Transformation Intern*

July 2020 - August 2020

- Designed and created a mixed reality software for tax professionals using mixed reality toolkit
- Set up backend data preprocessing pipeline with Azure Function Apps
- Built a caching solution for quick authentication with Azure queues

### **Procter & Gamble Smart Lab**

Champaign, IL

*Project Manager*

October 2019 - December 2020

- Developed consumer research software with computer vision for analytics
- Experimented with IoT devices for Air Quality measurements
- Created Data Analytics pipelines using the Losant platform

### **EarthSense**

Champaign, IL

*Software Developer*

May 2019 - September 2019

- Developed control center application for a ground autonomous robot
- Designed and implemented data visualization tools

### **Microsoft**

Istanbul, Turkey

*Marketing Software Developer*

July 2018 - August 2018

- Developed a machine learning model to predict soccer match results
- Assessed online marketing initiatives and outcomes

### **Illinois Enactus**

Champaign, IL

*Vice President of Operations*

Feb 2019 - May 2020

- Managed financial operations of nine different social entrepreneurship projects
- Innovated financial tracking with the use of cloud computing
- Facilitated collaboration with corporate partners

## PROJECTS

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**Crown Effect** Python, Flask, fbprophet, HTML, CSS, JS, Heroku <http://crown-effect.herokuapp.com/>  
Coronavirus prediction tool. <https://github.com/BerkayAydin/Coronavirus-Prediction-Tool>

**Soccer Prediction** Python, NumPy, Pandas, scikit-learn [github.com/ogencer/SoccerPrediction](https://github.com/ogencer/SoccerPrediction)  
Machine Learning based multi-algorithm soccer match predictor

**Enactus Website** HTML, CSS, JS, Github Pages <https://www.illinoisenactus.com/>  
New lightweight website for Illinois Enactus [github.com/ogencer/Enactus-New](https://github.com/ogencer/Enactus-New)

## AWARDS

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### **CS 125 Best Final Project**

Geoffrey Challen

Recognized for making the most comprehensive android biking app

May 2018