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## Burak TAHTACI

Computer Engineer

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## OBJECTIVES

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Software development management position utilizing solid training and experience in computer science and Software Engineering principles with bleeding edge technologies Machine Learning, Big Data and Internet of Things.

## EDUCATION

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### Yildiz Technical University

*BSc. Computer Engineering*

### Vizyon College

*Full Scholarship / GPA: 4.89 of 5.00*

## WORK EXPERIENCE

### CRYPTTECH (YTU Teknopark, Istanbul, Turkey)

#### Lead Full Stack Engineer (2 Years)

Working as a lead fullstack part-time engineer at a Cyber Security Company to improve the quality of Log Management and SIEM products. Implementing correlations and machine learning algorithms to detect malicious events. Also assisted hotspot team to categorize websites through their content and developed a simple website categorization tool. Managing Agile routines and sprints also my responsibility.

### Vizyon College (Bahcesehir, Istanbul, Turkey)

#### IT Infrastructure Engineering (3 Month)

Scope of implementation digital systems such as tablets and smartboards to education, we established IT and network environment. During this period I have learnt basic concepts of IT system design and local area network.

## VOLUNTEERSHIP EXPERIENCE

### FIRST Foundation(USA)

#### Mentor, Volunteer

There are two Turkish robotics team that are founded by me. And every year we are attending FRC events in USA and Turkey.

### Fikret Yuksel Foundation (Istanbul, Turkey)

#### Volunteer

Volunteering to a huge and young team to engage Turkish teams to FRC events. And I help the foundation to organize events

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## PROJECTS

### IoT Minds ([iot.ist](http://iot.ist))

*IoT Backend and Monitoring Platform.*

It is a software as a service platform for managing and monitoring IoT devices. You can easily develop your IoT devices over HTTP and Websockets communication stacks. This platform also provide a tool that predicts your data's behavior. written with **NodeJS**.

### Peanut

*Open Source FTP Client.*

FTP client written with **C#** for Windows.

### Stylish

*Shell for Linux and other UNIX variants.*

Tiny and useful terminal emulator written in **C**.

### Spell Checker

*NLP tool for English*

Spell Checker and Word Corrector library written in **C**.

*Listed projects above are my hobby projects, you can find out my other open source projects In my Github Account.*

## ACADEMIC PROJECTS

### Deep Learning Based Question Answering System for Turkish

*Yildiz Technical University - Assoc. Prof. Fatih Amasyali – 2017*

### Malware Detection Using Opcode Level Word Embeddings Yildiz

*Technical University - Assist. Prof. Gokhan Yavuz – 2018*

## AWARDS AND CERTIFICATES

### Innovation in Control Systems Award

*2015 - First Foundation - New York City, NY, USA*

### FikriMobil Mobile App Contest Finalist

*2015 – Yapı Kredi Bank – İstanbul, Turkey*

### Autodesk Digital Design Award

*2012 - ITURO - Istanbul, Turkey*

## LANGUAGES

Turkish - Native

English – Advanced