

**Mustafa ilhan**  
**Software Developer, Master of Fine Arts Candidate**

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## ABOUT

I'm a software developer who is also familiar with design and art. I'm looking for projects & topics like data visualization that combine engineering, design and art together to work on.

### Interested in

Data visualization, Big data, Internet of Things, Poster Design, User Interface Design, Art (especially street art, recycling art, participatory art)

### Experienced with

Full-stack Web Development, Android Application Development, Responsive Design, Graphic Design.

### Language

Turkish(native), English

## EDUCATION

### Bilkent University

Master of Fine Arts, Media and Design  
2013–Present

### Middle East Technical University

Bachelor of Science, Computer Engineering  
2006–2011

### Aydin Science High School

2002–2006

## CERTIFICATIONS

### Coursera

Human Computer Interaction  
2012

## EXPERIENCE

### Software Developer

*Mobilus*

*July 2011–Present*

I've been part of the (front-end, back-end and android application) development of [invidyo.com](http://invidyo.com) which is a cloud based video surveillance solution focused on baby cameras. Invidyo has been used by a service of Turkcell ([onlinekamera.turkcell.com.tr](http://onlinekamera.turkcell.com.tr)) since 2014. Some of my primary responsibilities are listed below.

- Back-end development with JAVA and design of in-house automation and testing systems with Python and Bash Script.
- Front-end development with Seam (J2EE framework, uses JSF for rendering HTMLs) and Bootstrap for responsive pages.
- Development of API which is used by Invidyo's Android and IOS clients and also Turkcell Online Kamera.
- Integration of Amazon Payments and PayU Payment Services.
- Deployment of the new versions to the production environment at Amazon Web Services.

## SELECTED PROJECTS

### SharedDeath

<http://shareddeath.kulu.be/>

*2013*

Shared Death is a web-based application which shows in real time shared tweets that contain words like 'death', 'dying' from Twitter. Its purpose is to help people understand how other people thinks and feels about death –the shared destiny of all living things on the planet. It was exhibited in Vague, Drunk, Dog! exhibition in 2014 at CerModern.

It runs on Heroku and coded with Node.js.

### History of Trending Topics of Twitter (tt-history)

<http://tt-history.appspot.com/>

*2012*

It is a data visualization project that visualize how much time trending topics of Twitter are talked. Although Twitter shows people current trending topics, with this project people can see all trending topics containing their life time information within last 24 hours or specific date.

It runs on Google App Engine, coded with Python and D3.js.