

Mustafa İlhan's one-page CV

Senior Software Developer

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ABOUT

I'm a software developer who is also familiar with art and design. My purpose is to support diversity by working on intersection of different areas like art, design and software.

Interested in

Data Visualization, Big Data, Internet of Things, Machine Learning, Printmaking, Poster Design, User Interface Design, Typography and Art (that is performed/installed in public space and open to participation).

Experienced with

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

Communicate with

Turkish (native) and English.

EDUCATION

Bilkent University

Master of Fine Arts, Media and Design

2013–2016, CGPA: 3.63/4.00

Thesis title: 'Transforming Trash as an Artistic Act'. Supervisor: Assist. Prof. Dr. Ersan Ocak. Exhibited in *Paranın Gözü Kör Olsun!* in 2016 at Siyah Beyaz, Ankara.

Middle East Technical University

Bachelor of Science, Computer Eng.

2006–2011, CGPA: 2.65/4.00

Actively participated in activities of Fine Arts Club.

Aydın Science High School

2002–2006, CGPA: 4.79/5.00

CERTIFICATIONS

Coursera

Human Computer Interaction

2012

WORK EXPERIENCE

Senior Software Developer

Mobilus A.Ş.

July 2011—Present

I've been part of the (front-end, back-end and android application) development of *invidyo.com* which is a cloud based, AI driven, video surveillance solution focused on baby monitoring. *Invidyo* was used by a service of Turkcell (onlinekamera.turkcell.com.tr) between 2014 and 2016. In detail, I am responsible for:

- 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 APIs which is used by *Invidyo*'s Android and IOS clients and also Turkcell Online Kamera.
- Integration of Amazon Payments and PayU Payment Services.
- Service health and deployment of the new versions to the production environment at Amazon Web Services.

SELECTED PROJECTS

Shared Death on Twitter

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

2013

It 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 *Müphem, Sarhoş, Köpek!* in 2014 at CerModern, Ankara.

It runs on Heroku and coded with Node.js.

History of Trending Topics on Twitter

<http://tt-history.kulu.be/>

2012

It is a data visualization project that visualizes trending topics on Twitter in terms of duration rather than volume. 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.