

# Hasan Talha Yazici

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## Experience

### Thirona

Nov 2020 - Present

SOFTWARE ENGINEER • FULL-TIME

Nijmegen, The Netherlands

- Working on the web app, API and infrastructure of Thirona using **Python, Django, Javascript, PostgreSQL, Docker, AWS**.
- Developing/maintaining a number of internal systems/tools mostly using **Django, Flask, MySQL, Docker**.

### Lifemote Networks

Apr 2020 - Nov 2020

SOFTWARE ENGINEER • FULL-TIME

Istanbul, Turkey

- Worked on the RESTful APIs of the analytics and visualization services for the main product using **Python, Django, Flask, MySQL, AWS, Docker, Bash**. Added new features to the product and optimized performance of these resources.
- Improved the organization's CI/CD pipeline using **GitHub Actions, Terraform and several AWS services**.
- Built a CLI module to ease the process of setting up and using a local development environment for all the internal projects using **Bash, Click, AWS CLI and Docker Compose**. This module decreased the time spent by developers on building and refreshing their local development environment from **10+ minutes to 2 minutes**.

### Zingat

Sep 2019 - Apr 2020

SOFTWARE ENGINEER • FULL-TIME

Istanbul, Turkey

- Worked on the main data crawling service with an ETL process using **Python, Scrapy, MongoDB, Celery, Redis**.
- Improved listing transfer process by implementing new features like 'bulk listing transfer' to the RESTful API using **Tornado Framework, PostgreSQL, AWS and Docker**. This increased customers' usage of listing transfer by **40%**.
- Developed and maintained a number of RESTful microservices using **Python, Django, Flask and AWS**.

### LC Waikiki

Nov 2018 - Aug 2019

DATA SCIENTIST • PART-TIME

Istanbul, Turkey

- Performed discount optimization on regional sales data from across the country using **K-Means clustering** with **Python, Pandas, Scikit-learn, Matplotlib**, and improved sales by **105%** and gross profit rate by **16.8%** on products with regional discounts.
- Improved feedback system by developing a microservice to analyze sentiment of customer feedback on the goods. Used Naive Bayes algorithm to classify feedback as Positive or Negative with **92,5%** accuracy, precision and recall. Tech stack included **Python, Flask, Javascript, Pandas, NumPy, Scikit-learn**.

### gigbi.com

Jun 2017 - Jan 2018

SOFTWARE ENGINEERING INTERN

Istanbul, Turkey

- Experienced full-stack web development for the marketplace platform using **MVC architecture** and the tech stack included **PHP, MySQL, JQuery, HTML5, CSS3, Git, Atlassian JIRA and Bitbucket**.
- Developed a unique WordPress plugin for the platform's blog using **PHP** for the backend and **HTML5, Bootstrap, JQuery** to create custom footers and in-post ads. This implementation improved the blog's Click-Through-Rate by **75%**.

## Education

### Boğaziçi University

2016 - 2020

B.S. MANAGEMENT INFORMATION SYSTEMS (Graduation: January 2020)

Istanbul, Turkey

### Utrecht University

2018

B.S. COMPUTER SCIENCE (via Erasmus+ exchange program)

Utrecht, The Netherlands

## Extracurricular Activity

### Boğaziçi University Computer Engineering Club (COMPEC)

May 2017 - May 2018

TEAM LEAD

Istanbul, Turkey

- Led a team of 40** which was responsible for organizing Boğaziçi IT Awards. **500 tickets were sold out** in less than a week.
- Developed the organization's website and online voting system using **PHP, Javascript, MySQL, AWS EC2, RDS and S3**. **80.000 unique votes** have been used in only 20 days span. – <https://bogazicibilisimodulleri.com>

### CoderDojo

Mar 2017 - May 2017

MENTOR

Istanbul, Turkey

- Mentored curious children and teenagers** aged between 10-15 to code and build simple programs using Scratch.