

# EGE ERDOGAN

## Computer Engineering Student

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in ege-erdogan

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## OBJECTIVE

**Short-term:** To obtain a summer internship in the field of software development to gain practical experience and work with a team on challenging problems.

**Long-term:** To improve myself as a software developer and work with technologies affecting people's lives for the good.

## EDUCATION

Koc University

Computer Engineering (GPA = 3.38 / 4.0)

2017 -

Uskudar American Academy

High School

2012 - 2017

## TECHNICAL SKILLS

### Languages

- Java, Ruby, Python, JavaScript, Swift, Racket, SQL, HTML/CSS, MIPS Assembly

### Tools / Platforms

- Software development:** Git, UML, design patterns
- Cloud platforms:** AWS, GCP, IBM Cloud, Heroku
- Other:**  $\text{\LaTeX}$

### Frameworks/Libraries

- Back-end:** Spring, Rails
- Front-end:** jQuery, Bootstrap, Semantic UI

### Interests

- Web development, machine learning, mobile app development

## ACTIVITIES

Koc University Entrepreneurship Club

Volunteered as a mentor for the Zero to One '19 Conference.

2018 -

UAA Percussion Group

Part of the school percussion group. Gave concerts in Brussels, Istanbul, Ankara, and Izmir.

2013 - 2016

## HOBBIES

- Maintaining a blog where I occasionally write about topics I learn at school or elsewhere.
- Like to read about the history of computing.
- Basketball and cycling fan.

## EXPERIENCE

IBM

### Intern

July 2019

Istanbul, Turkey

- Worked as an intern with the IBM Cloud & Cognitive team.
- Gained experience with IBM Cloud. Worked with other interns on chatbot and music generation projects.

Bitlo Cryptocurrency Exchange

### Software Development Intern

Feb. - Apr. 2018

Istanbul, Turkey

- Worked with Java and Spring Framework.

## PROJECTS

### Brick-Breaking Game in Java

- Built a brick-breaking game in a group of 5 students for the Software Engineering course (Fall 2019). Features included user authentication, persistence, and animations.
- Worked with Java Swing libraries for visuals, and MongoDB for storage.

### Music Generation with Neural Networks

- Built a music generation model working as a team with other interns in the IBM Cloud & Cognitive team.
- Also built a website to display samples generated by the model.

### Chatbot for IBM New Hires

- Worked on a project with other interns on building a chatbot for answering questions asked by IBM's new hires, using the IBM Watson Assistant platform.

### News Scraping Website ([hackrbot.com](https://hackrbot.com))

- Built a news website as a solo project that scrapes and displays content from *Hacker News*, *r/programming*, and *Slashdot*.
- Includes user registration and ability to save posts.
- Ruby, Rails, HTML, CSS, Bootstrap

### Web Admin Panel of a presentation app on iPad

- Worked in a team on an admin panel for an iPad presentation management app.
- Java, Spring Framework, SQL, JavaScript, HTML, CSS