

EDUCATION

B.Sc COMPUTER SCIENCE BILKENT UNIVERSITY - 2018

Microprocessors, Graphics APIs,
Artificial Intelligence, Compilers,
Operating Systems, UX

SKILLS

PROGRAMMING LANGUAGES

Java (OCA), Kotlin, C/C++, Swift,
Python, Javascript, Solidity

WEB TECHNOLOGIES

HTML, CSS, jQuery, Bootstrap,
React, WebGL

TESTING AND DEPLOYMENT

Git, Jenkins, JUnit, Espresso,
Mockito, Wiremock, Maven, Gradle

OTHER FRAMEWORKS

Hadoop, Flume, Hive, Spring
Boot, lex/yacc, Verilog,
OpenGL, CUDA, OpenCL, RxJava

DESIGN TOOLS

Sketch, AfterEffects,
Photoshop, Indesign, Illustrator,
Premiere, Final Cut Pro

PERSONAL INTERESTS

Low-level software optimisation,
artificial intelligence,
virtual reality, microprocessors

ABOUT ME

PROJECTS

Personal Website, Verilog Flappy Bird,
OpenGL Virtual Reality Renderer,
Windows Phone Store Apps
with 50k+ downloads

HOBBIES & INTERESTS

Parkour & Freerunning, Calisthenics,
Filming Car Reviews on YouTube,
Electronics, UX Design

SPOKEN LANGUAGES

English, Turkish, German

ÇELİK KÖSEOĞLU | FULL STACK DEVELOPER [linkedin.com/in/celikk](https://www.linkedin.com/in/celikk)

Ambitious computer enthusiast looking for a challenging and agile environment. Having started programming at 12 years old, I've developed an extensive skillset from an early age. I am highly self-motivated, always willing to improve and push the boundaries in any way possible.

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AMERICAN EXPRESS | LONDON, UK | *Mobile Engineer*

09/18 - Present

Currently working in the Mobile Engineering team to deliver new and exciting features to the American Express Android app. I previously worked in the Loyalty department on backend applications.

- Currently implementing a feature which allows customers to book restaurants
- Improved the card switcher animation to be consistent (affects 80m logins / month)
- Separated Android app into modules to speed up the build process
- Converted 5000+ lines of Java code into Kotlin to conform with new standards
- Developed scalable algorithms that can handle millions of customer records efficiently
- Implemented an Exception Handler for a loyalty platform to handle errors gracefully
- Worked with a law startup to put SLAs and signatures on the Ethereum network
- Participated in recruitment events across UK and interviewed prospective graduates



UNIONPAY | SHANGHAI, CHINA | *Product Development Intern*

07/17 - 09/17

Worked as a part of the product development team that analysed market needs to create innovative solutions. The team consisted of R&D devs and UX designers.

- Delivered technical and business presentations on UnionPay vs competitor's solution
- Made visual enhancements on internal documentations (Sketch)
- Gained experience working within a shifting work environment and different culture
- Reference letter available at: <https://celikk.me/refUPI.pdf>



AMERICAN EXPRESS | BRIGHTON, UK | *Software Engineering Intern*

06/16 - 09/16

Worked in a team that developed backend applications that managed card products and benefits. Delivered production grade code using agile techniques.

- Worked on a database migration application that relocated 1m+ customer records
- Optimised a business logic algorithm that took 7 hours down to 300 milliseconds
- Delivered presentations to senior leadership about our projects and the internship
- Met with solution architects to come up with performant business logic algorithms
- Reference letter available at: <https://celikk.me/refAmex.pdf>



ORACLE® | ISTANBUL, TURKEY | *Big Data Engineering Intern*

07/15 - 08/15

Worked in the business intelligence software engineering team that utilised big data processing frameworks to develop big data analytics solutions.

- Developed an API for analysing real-time, unstructured log data
- Garanti used API to analyze customer spending behaviour at different times of the day
- Gained experience with big data processing frameworks (Hadoop, Hive and Flume)
- Reference letter available at: <https://celikk.me/refOracle.pdf>



GARANTI | ISTANBUL, TURKEY | *Mobile Engineering Intern*

01/15 - 02/15

- Developed an internal log indexing and searching application
- The application is still being used by the team (Last verified - 02/19)
- Reference letter available at: <http://celikk.me/refGaranti.pdf>