

Efe Çavuşoğlu

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EDUCATION

Bilkent University, Faculty of Business Administration, Ankara

2019 – 2023

B.Sc. in Management; CGPA 3.69/4.00, Magna Cum Laude — ranked 6th of 159 graduates (top 4%)

- Business Capstone Project – Optimizing Hop's Scooter Distribution: Analyzed past data from Hop Technology to optimize scooter distribution and developed an operational schedule using Python and Excel.
- Forecasting Turkey's Number of Visitors for 2022: Forecasted visitor numbers for Turkey in 2022 using historical data from TÜİK and applied ARIMA models in R for accurate predictions.
- Investment Analysis: Created a portfolio by calculating stock weights using Excel, optimizing revenue and risk based on the mean return and standard deviation of selected stocks.
- Predicting Success of ICOs: Utilized Python to visualize datasets and developed linear and logistic regression models to predict the success of initial coin offerings for a Business Analytics course.

Bilkent University, Faculty of Science, Ankara

2017 – 2019

Completed coursework in Department of Mathematics before transferring to the Faculty of Business Administration to pursue a degree in Management.

Özel Büyük Fen Lisesi, Ankara

2013 – 2017

High School, Mathematics/Science student

EXPERIENCE

Quin AI — Data Scientist and Customer Insight Specialist, Remote

Nov 2024 – Current

- Building end-to-end data and machine learning pipelines, from data selection and preprocessing through model development and deployment.
- Conducting product research to identify improvement opportunities — evaluating new model approaches and new ways to leverage customer data.
- Designing new analytics panels, reports, and custom reporting logic with the product team — from data selection and metric definition to report design and formatting.
- Leading Google Tag Manager integrations for customer data collection.
- Developing and deploying customer segmentation models in PySpark to drive targeted strategies.
- Analyzing customer behavior and engagement trends using Python, PySpark, and Jupyter Notebook.
- Collaborating with cross-functional and product teams to align data capabilities with product development.

Quin AI — Customer Success Associate, Remote

Jan 2024 – Nov 2024

- Managed customer relationships end to end — key updates, agreements, and contract negotiations.
- Set up and managed customer campaigns via Quin Portal, and integrated customer websites with Google Tag Manager.
- Built customer presentations, results reports, and sales decks; delivered monthly performance reports for accounts.
- Analyzed account data with Python and PySpark to surface insights for customers and the product team.
- Maintained the sales pipeline in HubSpot and documented customer processes in Jira.

hop Technology — Data Analyst (Part-Time), Ankara

Sep 2022 – Feb 2023

- Optimized scooter distribution across Turkey through data analysis in Python and Excel.
- Applied linear regression to identify the key drivers of profit margins, informing operational decisions.
- Translated analysis into distribution recommendations that improved operational efficiency.

Bilkent University — Teaching Assistant of Business Analytics, Ankara

Oct 2022 – Jan 2023

- Assisted the professor with course material preparation; graded assignments and provided student feedback.

hop Technology — Growth & Marketing Intern, Ankara

Jun 2022 – Jul 2022

- Conducted a comprehensive competitive analysis of international scooter-sharing operators.
- Presented strengths, gaps, and growth opportunities to inform Hop's expansion strategy.

INDEPENDENT IOS PRODUCTS — SOLO BUILDER

Solo product builder behind three independent iOS apps — from initial idea and feature definition through to complete visual design and release. I own scope, roadmap, and feature prioritization as well as every screen, color system, and interaction pattern. AI-assisted tooling handles implementation. Currently in TestFlight beta; App Store release planned for 2026.

Figdex — LEGO collection tracker

- Designed the complete app experience: collection browsing, barcode-based set scanning, wishlist system, and a Discover feed for new releases and community builds.
- Specified integration of a third-party product database (Rebrickable API), Firebase authentication, and local persistence, along with CSV import/export for data portability.
- Created the visual system — palette, typography, and component layouts — and designed a curated theme-personalization flow.

MyEtho — Bluetooth ethanol sensor monitor

- Personally motivated by hands-on BMW ECU coding and retrofit work (ESYS, ISTA) — built to solve a real tuning and fueling problem encountered firsthand.
- Designed a real-time monitoring interface pairing with a custom Bluetooth Low Energy device, including live sensor displays, logging views, and a colour-coded ethanol spectrum system.
- Designed fuel-blending calculators (mix-to-target and full-tank-fill modes) and specified the underlying blending formulas.
- Built a full design token system (colour, spacing, typography, radii) and a bilingual English/Turkish localization structure.

PortfolioLab — Investing companion for Turkish retail investors

- Designed a full-suite portfolio and market-tracking app combining live BIST/forex/gold data with academic risk analysis (Sharpe ratio, portfolio σ , diversification benefit).
- Designed the five-tab interface and complete light/dark design system, including chart layouts, watchlist rows, and data-density decisions across market, portfolio, and analytics views.
- Defined the product scope for a planned subscription model (StoreKit 2), including free-tier limits and paywall placement.

SKILLS AND ABILITIES

Technical Skills: Python, PySpark, Jupyter, Geoman, Kepler, SQL, Microsoft Excel, VBA, Bloomberg, Google Suite, Google Tag Manager, HTML, JavaScript, Microsoft Project, BMW ESYS / ISTA (vehicle coding & diagnostics), AI-assisted development & workflow automation (LLM-based tooling for product development, code generation, and analysis)

Languages: Turkish (Native), English (Full Professional Proficiency), German (Beginner)

ACHIEVEMENTS & CERTIFICATES

- 2022–2023 Received Bachelor's Degree Magna Cum Laude (High Honor) — Bilkent University
- 2022–2023 Spring Semester High Honor Student Certificate — Bilkent University
- 2022–2023 Fall Semester Honor Student Certificate — Bilkent University
- 2021–2022 Spring Semester High Honor Student Certificate — Bilkent University
- 2021–2022 Fall Semester High Honor Student Certificate — Bilkent University
- 2020–2021 Spring Semester Honor Student Certificate — Bilkent University
- 2020–2021 Fall Semester High Honor Student Certificate — Bilkent University
- Received 80% Merit Scholarship for the 2020–2021 Academic Year — Bilkent University
- 2019–2020 Spring Semester High Honor Student Certificate — Bilkent University
- 2019–2020 Fall Semester Honor Student Certificate — Bilkent University