

# Alan Dautov

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## ABOUT

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Computer Engineering graduate (Boston University) with experience in Python, SQL, and AWS/Azure, specializing in data analysis, automation, and cloud-based solutions, with prior corporate consulting experience at KPMG.

## SKILLS

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**Programming:** Python, C/C++, SQL, Java, JavaScript  
**Cloud & Data:** AWS, Azure, Databricks, REST APIs, CI/CD  
**Tools:** Git, Advanced Excel, Power BI, GenAI  
**ERP Systems:** SAP, 1C

## EXPERIENCE

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**KPMG** Sep 2024 - Aug 2025  
Corporate Tax Consultant *Almaty, Kazakhstan*

- Analyzed client tax registers and declarations (CIT, VAT, WHT) for 10+ corporate clients using 1C, SAP, and Excel; identified non-compliance risks and improved reporting accuracy in line with Kazakhstan Tax Code.
- Prepared memorandums, reports, and corrective recommendations; consulted clients with declaration preparation and advised on bookkeeping practices and allowable deductions, increasing project efficiency.
- Addressed cross-border projects through targeted tax research and contributed to automation (including GenAI) initiatives to improve reporting workflows and data analysis by 20%.

## PROJECTS

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**Boston University College of Engineering** Sep 2022 - May 2023  
Senior Design Project *Boston, Massachusetts*

- Designed and led development of a portable smart device, Halo, to prevent drink spiking, achieving 95% detection accuracy using accelerometer and strain gauge sensors with smartphone alerts via Bluetooth.
- Implemented calibrated Arduino code, integrated BLE communication, contributed to iOS app development, and carried out hardware testing and prototype construction through soldering and sensor calibration.
- Led a team of five for half academic year, coordinating tasks in Trello and documenting progress in biweekly logs. Prepared technical reports (e.g. IEEE), presented to faculty and project advisor, and maintained organized GitHub repositories.

**Boston University College of Engineering** Sep 2022 - Jan 2023  
MLOps Practicum - Databricks *Boston, Massachusetts*

- Collaborated with Fortune 500 financial services firm cloud engineering team to evaluate Databricks as a potential MLOps platform across AWS and Azure environments.
- Delivered biweekly sprint reports and presentations summarizing findings on platform scalability, cost efficiency, performance, and usability.
- Explored Databricks capabilities through hands-on implementation of example Fraud Detection pipelines and learned end-to-end MLOps lifecycle using Azure and CI/CD workflows.

## EDUCATION

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**Boston University** Sep 2019 - May 2023  
*Bachelor of Science in Computer Engineering* *Boston, Massachusetts*

## HONORS & AWARDS

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**KPMG Bravo Award:** Recognized by KPMG Kazakhstan through the Bravo Award program in category of complex and unusual client tasks, for exceeding expectations and contributing to success of the Corporate Tax practice.

**BU ECE Award:** Honored by faculty and alumni of Boston University's Electrical & Computer Engineering department for exhibiting exceptional design with Halo project, ranking among top three best Senior Design projects of 2022-2023.

## LEADERSHIP & COMMUNITY SERVICE

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**President, BU Russian Speaking Society:** Grew membership 70 → 500+; led executive board, launched nationwide partnership network (RUSA), and organized large-scale community and fundraising initiatives.