

Orhun Kok

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WORK EXPERIENCE

Co-op Student - Attribute Sciences <i>Amgen Inc.</i>	Mar. 2025 – Present <i>Cambridge, MA</i>
<ul style="list-style-type: none">Developing structured data templates to capture mass spectrometry data.Implementing this data capturing scheme to centralize and organize generated experimental data.	
Teaching Assistant - BIOE 5800 <i>Northeastern University</i>	Jan. 2025 – April. 2025 <i>Boston, MA</i>
Doctoral Researcher <i>Northeastern University</i>	Sep. 2022 – Present <i>Boston, MA</i>
<ul style="list-style-type: none">Post-transcriptional chromosome dosage effects on protein expression.Increasing temporal resolution for single-cell protein dynamics with stable-isotope labeled amino acids.Extracellular matrix destabilization in fibroblasts with rho-kinase inhibitor	
Data Science Programmer <i>Dermbiont Inc.</i>	May 2021 – Sep. 2022 <i>Boston, MA</i>
<ul style="list-style-type: none">Worked as part of the bioinformatics team to conduct data analysis for clinical trials and assisted with system administrative tasksBuilt electronic data entry forms for clinical operations personnel using OpenClinica.Created an SQL database to store and organize drug production data in order to optimize production of candidate drugs.	
Teaching Assistant - BINF 6308 <i>Northeastern University</i>	Sep. 2021 – Dec. 2021 <i>Boston, MA</i>

SKILLS

Computational: Windows, Unix, Python, Systems Hardware, Server & Network Administration, Local & Cloud data management, Virtualization, Data analysis & visualization
LC-MS: Orbitrap Q-Exactive & Exploris, timsTOF SCP & Ultra, Vanquish Neo, Ultimate 3000, DIA-NN, MaxQuant
Wet Lab: Cell culture, Proteomics sample-preparation (Bulk & Single-cell), CellenONE

EDUCATION

PhD Bioengineering - Slavov Lab <i>Northeastern University</i>	Expected 2027 <i>Boston, MA</i>
MSc Bioinformatics <i>Northeastern University</i>	Dec. 2021 <i>Boston, MA</i>
BSc Biology <i>Queen's University</i>	May 2020 <i>Kingston, Canada</i>

EXTRACURRICULARS

Languages: English(Native Speaker), Turkish(Native Speaker), French(Moderate Working Proficiency)
Awards: West Allen/Mary Lou Award, Procter and Gamble General Scholarship, Belleville General Hospital Bursary