

Orhun Kok

Boston, MA | 857-206-1946 | kok.o@northeastern.edu
<https://www.linkedin.com/in/orhun-kok-4682031a2/> | github.com/OrhunKok

WORK EXPERIENCE

- Co-op Student - Attribute Sciences** Mar. 2025 – Present
Amgen Inc. Cambridge, MA
- 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** Jan. 2025 – April. 2025
Northeastern University Boston, MA
- Doctoral Researcher** Sep. 2022 – Present
Northeastern University Boston, MA
- 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** May 2021 – Sep. 2022
Dermbiont Inc. Boston, MA
- Worked as part of the bioinformatics team to conduct data analysis for clinical trials and assisted with system administrative tasks
 - Built 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** Sep. 2021 – Dec. 2021
Northeastern University Boston, MA

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** Expected 2027
Northeastern University Boston, MA
- MSc Bioinformatics** Dec. 2021
Northeastern University Boston, MA
- BSc Biology** May 2020
Queen's University Kingston, Canada

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