

Daniel Lisko

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Education

Northeastern University, Boston, MA, USA 2020 - 2022
Master of Science – Computer Science **GPA: 3.70 / 4.0**

Related Courses: Object-Oriented Design, Algorithms, Database Management, Web Development, Foundations of Software Engineering, Foundations of Artificial Intelligence, Data Mining

Youngstown State University, Youngtown, OH, USA 2013 – 2015
Master of Science – Biology **GPA: 4.0 / 4.0**
Awards: Phi Kappa Phi – Awarded to top 10% of Graduate Students

Technical Knowledge

Languages: Python, Java, JavaScript(ES6), R
Databases: MongoDB, SQLite, Redis
Web Applications: Node JS, CSS, Bootstrap, HTML5, Express, React
Development: GitHub, Jira, Confluence
Data Science: PyTorch, NumPy, Pandas, Matplotlib, OpenCV, Jupyter Notebook

Projects

EYE-RecAlcle, Northeastern University – CS5500 Software Development, Boston, MA

- Worked with a team to create an IoT device that helped users classify recyclable waste.
- Trained a model on 3836 images, which resulted in a 95% prediction accuracy; coded a graphical user interface – allowing users to add more training data.

Hamper Dash Web Application, Northeastern University – CS5100 Web Development, Boston, MA

- Partnered with another student to design and develop a full-stack CRUD web application using MongoDB, Bootstrap, Node JS, Express and React.
- This project connected 100+ synthetic customers to laundry service providers; deployed the project on Heroku.

Study Report Automation Application, PACT Pharm Inc., San Francisco, CA

- Streamlined analyses by creating a GUI application, which generates automated summary reports; decreased user input errors by 100%; reduced analysis time from 2 hours to less than 5 seconds.

Work Experience

Research Associate II - PACT Pharma Inc. San Francisco, CA, USA 2020 - 2022

- Processed 50+ clinical blood samples for identification and isolation of unique T cells for adoptive T cell cancer therapy; generated 20+ study reports.
- Familiarized newly hired research associates on standard lab techniques and advised on data analysis.

Graduate Academic Assistant – University of British Columbia, Vancouver, BC, Canada 2017-2020

- Collaborated with 10+ academic researchers on three different gastrointestinal inflammation projects.
- Led/conducted bioinformatics research on two projects; co-authored three publications; awarded top presentation awards at two different conferences.
- Taught and mentored two undergraduate students on standard lab techniques.

Research Associate – The Ohio State University, OH, USA 2016-2017

- Investigated the oral microbiome; collaborated with 5+ researchers on two different projects; analyzed 1000+ bacterial and fungal sequences from a 100+ patients; co-authored one publication.
- Evaluated mycobiome databases to determine the one that best represented all fungus from DNA sequencing; resulted in correct identification of originally misidentified fungus.