Resume
Daniel Chechelnitsky
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EDUCATION

University of Michigan, Ann Arbor, MI   M.S. May 2024
Major: Computer Science

Macalester College, Saint Paul, MN   B.A. May 2022
Major: Computer Science, Linguistics   GPA: 3.75
Honors: Cum Laude, Dean's List , DeWitt Wallace Grant, MacNest Grant, MIAC Academic All-Conference

EXPERIENCE

Argonne National Laboratory, Lemont, IL

Jun. 2022-Aug. 2022

SULI Internship; Advisor: Alexander Partin; Division: Data Science and Learning

- Replicated AUC results from MOLI and Velodrome model papers
- Optimized hyperparameter training of MOLI using Ray tune

Center for Data and Computing at the University of Chicago, Chicago, IL
Jun. 2021-Aug. 2021
Research Assistant; Advisor: Ravi Madduri; Division: Human Computer Interaction
- Built an accessible mobile app using Flutter framework that uses deep learning models trained on Kaggle datasets to predict prostate cancer, skin cancer, and heart failure risk

GogyUp, Minneapolis, MN
Nov. 2020-Mar. 2021
Software Development Intern
- Designed, programmed and integrated 2 different NLP frameworks successfully into a Smart Dictionary App from spaCy Python library
- Compared 2 other implementations of text processing APIs in Python
- Presented 12 weekly Google Analytics website traffic reports at company meetings

Macalester College, Saint Paul, MN
Aug. 2021-Apr. 2022
MSCS Department Research Assistant; Advisor: Susan Fox
- Built a Google Maps Extension using Apple Watch Heart Rate Data to help reduce Driving Anxiety
Jan. 2020-May 2022
MSCS Department Preceptor for Data Structures, Theory of Computation, Computer Systems
- Held office hours, graded assignments, and assisted in course planning
Aug. 2019-Dec. 2019
Russian Department Tutor
- Provided individual tutoring for students in RUSS 100-305, graded assignments, and coordinated department events

TECHNICAL SKILLS

Languages: Python, Java, R, C, HTML, Dart, Swift, SQL
Other Tools: Google Cloud, PyTorch, Keras