CONNER LUSK

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EDUCATION

Northeastern University, Boston MA *Sep. 2020 - Dec. 2024*
Khoury College of Computer Sciences
Candidate for a Computer Science major with a minor in Math
Honors: Dean's List, GPA 3.89/4.0
Relevant Coursework: Computer Systems, Linear Algebra, Matrix Methods in Machine Learning and Data Analysis

TECHNICAL SKILLS

Programming: Java, Python, Racket, Matlab, HTML, CSS, C/C++, SQL, Javascript
Libraries: Numpy, Sklearn, Tensorflow, Matplotlib, Beautifulsoup, OpenCV, React, Node.js
Software & Tools: Git, LaTeX, VSCode, Intellij, Linux, Jupyter Notebook

WORK EXPERIENCE

Reprise *Jul. 2022 - Dec. 2022*
Software Engineer Co-op (Boston/Remote)
- Will work as a full stack software engineer using django, postgres, and typescript

Stanford Medicine Radiology (Incoming) *Apr. 2022 - Jul. 2022*
Undergraduate Research Assistant (Palo Alto/Remote)
- Developing a platform for radiology AI, which is integrated into workflow to pre-dictate reports
- Models include identifying joints, detecting hardware, and selecting context aware bone x-ray templates
- Click **here** to read more

Samudra Pacific Capital Partners *Dec. 2021 - Present*
Venture Capital Associate (Palo Alto/Remote)
- Building out database and using data to extract insights into company and portfolio
- Writing investment memos and investor updates/newsletter, investment screening, due-diligence deals, portfolio management, sector research and analysis, and financial deep dives
- Designing webscrapers to extract data on companies

Northeastern PEVC *Sep. 2020 - Sep. 2021*
Analyst (Boston)
- Worked to create a database of Northeastern Alumni in the Private Equity and Venture Capital field
- Utilized Excel to analyze response data and tweak outreach methods accordingly
- Tasked with finding, reaching out to, and keeping track of interested individuals

PROJECTS (PROJECT NAMES LINKED TO GITHUB REPOSITORIES)

BuyGood: Node.js, Javascript, Express, Postgres *Jan. 2022 - Present*
- Working on a website to rate companies based on their ethics (pay, emissions, diversity)
- Used the PERN stack to implement a working website
- Currently finishing frontend, datascraping, and a chrome extension

Arbitrage Automation: Python *Sep. 2021 - Mar. 2022*
- Scraped game schedules and odds from bookie sites using Beautifulsoup and Selenium
- Created an algorithm to generate arbitrage opportunities and calculated profit margin
- Hosted algorithm to run every 30 minutes and send out texts when an arbitrage opportunity appeared

Brain Hemorrhage Classification and Segmentation: Python *Nov. 2021 - Dec. 2021*
- Processed 80,000 images from Zeta Surgical to train classification and segmentation models
- Built Logistic Regression, CNN, and Transfer Learning models to obtain a test accuracy of 79%
- Built a CNN with a UNET architecture to create a segmentation model with a test accuracy of 62%
- Optimized learning rate, momentum, and dropout layers to improve speed and accuracy