

Lillianna Gund

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SOFTWARE ENGINEER | DEVELOPMENT - ENTRY LEVEL

Curious, highly analytic, and data driven. Creative problem solver who works well independently and in a team. Readily learns technical material. Familiar with data structures and modeling, machine-learning and development lifecycle and generative AI apps with large language models. Strong communicator: writes understandable, testable code; translates technical material to non-technical audiences. Proficient Mandarin, basic Japanese.

PROGRAMMING SKILLS

Python (Pytorch, Tensorflow, Scikit-learn), **Java** (fluency in object-oriented programming and design).

Familiar with Javascript, SQL, HTML/PHP, C | Operating Systems: Windows, Linux, Mac

EDUCATION

B.S., Computer Science, Northeastern University. May 2023

Concentration: Artificial Intelligence, Minor: East Asian Studies (Language) and Art

Related Coursework: Algorithms (grad), Theory of Computation, Artificial Intelligence, Object-Oriented Design, Natural Language Processing, Machine Learning, Foundations of Data Science, Mathematics of Data Models

Representative Projects:

Patches Color Picker - *Made with Android Studio, Java, Gradle*

Handled image color analysis to retrieve prominent colors from images. Created server login using firebase for individual user experience.

Diversity Facial Recognition Machine - *Python (Numpy, Pandas, Sklearn, Opencv)*

Trained image classification machine learning system with biased and unbiased datasets. Normalized data for principal component analysis to then extract eigenfaces. Trained and compared various classifier models (Random Forest, Adaboost, Multi-layer perceptron, Support Vector Machine). Analyzed intermediary, interpretable variables created and used for decision making processes.

Easy Animator - *Java (JavaSwing)*

Implemented model-view-controller design concept with interactable GUI interface. Created user experience for creating simple shapes, loading animations from svg files, change shape over time using keyframes, allows looping, pausing, and scrubbing of animation.

EXPERIENCE

Ankura Consulting Group

Information Technology Analyst Cooperative Education Student, Orlando, FL

Jun-Dec 2021

- Designed contact card migration software from Outlook to Salesforce (java)
- Prototyped app and website for instant support and equipment registration via NFC cards (**SQL**, **PHP**, **HTML**, Microsoft PowerApps)
- focused on integration of PHP on webpage to use SQL calls to access individual employee equipment information

Geopolitical Risk Intern, New York, NY

Jul-Aug 2020

- Researched the technology industry's impact on worldwide business
- Collaborated with fellow interns to assess client case study and presented mock client presentation