

JASON LU

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Available: May 2021

EDUCATION

Northeastern University, Boston, MA

Khoury College of Computer Sciences

Candidate for Masters of Science

Related Coursework: Database Management Systems, Data Mining Techniques

GPA: 3.56

Sept 2018 - present

Expected Graduation: May 2021

Boston University, Boston, MA, Dean's List (2018)

Bachelors of Arts, Computer Science

May 2018

Related Coursework: Tools of Data Science in Computing, Databases

TECHNICAL KNOWLEDGE

Languages: Python, C, Java, C++, HTML, CSS, MySQL, iOS Swift, JavaScript, Ruby, TypeScript

Software Systems: Linux, Unix, MEAN Stack, matplotlib, scipy, numpy, Jupyter Notebook, Selenium, Tableau

Technologies: MongoDB, StarUML, Google Colab, AWS Console, git version control, LucidChart

Office Skills: Microsoft Word, Power Point, One Note, Excel, ShareLaTeX typewriting, VSCode

WORK AND RESEARCH EXPERIENCE

Custom Floors Design Inc., Stoneham, MA

May – Aug 2019

Web Design and Developer Intern

- Implemented a WordPress plugins webpage to market company showroom products
- Led requirement gathering meetings for multiple users for a team

Softworld Group, LLC, Brookline, MA

May – Jul 2018

Web Design Intern

- Created responsive design website to promote STEM educational research

ACADEMIC PROJECTS

Airpriori

Northeastern University

Jan - May 2021

- Developed flight delay prediction system with preprocessed and cleaned Kaggle dataset
- Evaluated model accuracy with ROC and precision-recall curves, confusion matrices, F1 score in Jupyter Notebook and Google Colab illustrated with matplotlib and seaborn Python library histograms
- Trained and tested Decision Tree, Logistic Regression, Gradient Boosting models via 10-Fold Cross Validation, SMOTE data imbalance, and randomized under sampling with accuracy of 70%

employD

Sep – Dec 2019

Northeastern University

- Implemented interactive job search application via design principles and user groups

Gastroternary

Sep - Dec 2018

Northeastern University

- Designed an SQL and JDBC server web application for Boston best eateries with Java server applet

INTERESTS & AWARDS

- BU UROP (Undergraduate Research Opportunity) Award, NUTV, Global App Initiative