Jhinuk Barman

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
Data Science Major
Computer Science Minor
Expected May 2020
Berkeley, CA

COURSEWORK

SOFTWARE

- Structure and Interpretation of Computer Programs
- Data Structures
- Foundations of Data Science
- Principles and Techniques of Data Science
- Probability for Data Science
- Efficient Algorithms and Intractable Problems (Fall 2018)

SKILLS

PROGRAMMING

Experienced:
Python • Java
Familiar:
SQL • HTML • CSS • JavaScript/JQuery

TOOLS/APPLICATIONS

Git • Adobe Photoshop • Adobe Illustrator • Salesforce

LIBRARIES

NumPy • Pandas • MatPlotLib • Seaborn • ScikitLearn

LINKS

Github: github.com/jhinukb
LinkedIn: linkedin.com/in/jhinukbarman
Personal Website: jhinukb.github.io

EXPERIENCE

WEB DEVELOPMENT INTERN | Koniku
June 2018-Present | Berkeley, CA

- maintained backend of web application
- used HTML

DATA INTEGRATION SPECIALIST INTERN | Montclair Village Association
June 2018-Present | Oakland, CA

- Data Entry and Data Cleaning
- used SalesForce, Google Spreadsheet

WEB DEVELOPER AND GRAPHIC DESIGNER | Society of Women Engineers
January 2017-Present | Berkeley, CA

- Maintained front-end of website with 300+ members
- Updated committees,images,calendar events...etc
- Collaborated with 5 team members with weekly meetings
- Primarily used HTML/CSS

PROJECTS

STUDYBEARS

CalHacks/HackDavis Team | October 2017-present

- Implemented front-end and back-end of web application that uses algorithm to match students together based on a preference list
- Used Google Sign In API to create a login button that creates account connected to Google account
- Back-end: Django, Python; Front-end: HTML, CSS, JavaScript, JQuery

MOVIE CLASSIFIER

Foundations of Data Science Course | October-November 2017

- used Machine Learning to classify movies according by genre
- built a k-nearest-neighbors classifier
- tested classifier that found k movies in training set on test set
- used Python, NumPy, Jupyter Notebook

DATABASE

Data Structures Course | February-March 2017

- implemented back-end of relational database and domain specific language similar to SQL that user can interact with
- used object-oriented programming to build correct classes to carry out functions such as joining tables
- created a series of JUnit Tests to test functions
- Written in Java