

VY DOAN

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EDUCATION

University of Nebraska-Lincoln, Lincoln NE, May 2020
B.S. Computer Science, Philosophy
Global Laureate Scholarship

Dean's List
UCARE (Undergraduate Creative Activities and Research)
Udacity Full Stack Web Developer Nanodegree

RELEVANT EXPERIENCE

SOFTWARE DEVELOPER

UNL Department of Agronomy and Horticulture

Sept 2019 – May 2020

- Developed web application for real-time assessments of invasive species impacts to inform conservation policy and improve environmental outcomes
- Elicited application requirements, designed mock-ups, and application prototypes to optimize the user experience
- Designed and developed an intuitive user-friendly web interface that aids in conveying desired information in a visually appealing way

UNDERGRADUATE TEACHING ASSISTANCE

University of Nebraska at Lincoln, Lincoln, NE

Aug 2018 – Dec 2019

- Assisted students in Discrete Mathematics in course materials to increase student performance and major retention

UNDERGRADUATE RESEARCHER

University of Nebraska at Lincoln, Lincoln, NE

Jan 2018 – Aug 2019

- Conducted research in Machine Learning to find a state-of-the-art solution to the propagation of fake and unreliable news on social media, funded by UCARE
- Gathered and analyzed data from Twitter; implemented state-of-the-art feature extraction and feature modeling on data

PROJECTS

FYYUR WEB APPLICATION

May 2020 – May 2020

- Implemented Postgres database for web application using Flask-SQLAlchemy
- Performed CRUD operations on the database and implemented functions that interact with the database

TRIVIA WEB APPLICATION

Jun 2020 – June 2020

- Implemented API endpoints and functions for web application following test-driven development standard
- Wrote API and project documentation on API purpose and instruction for sending requests and parsing responses

ADDITIONAL EXPERIENCE

EVENT ORGANIZER, GRAPHIC DESIGNER

If Then, Lincoln, NE

Jan 2018 – May 2020

- Organized interdisciplinary lecture events on campus with guest speakers from different colleges and departments that ran successfully for three semesters with limited funding
- Encouraged discussion on technology and societal impact among Computer Science and Engineering students and community members

SKILLS

- Python
- Java
- Machine Learning (scikit-learn)
- Data Mining
- C/C++
- MySQL/ PostgreSQL
- HTML/CSS/JavaScript
- Vue/BootstrapVue
- Flask, Flask-SQLAlchemy
- Unit Testing
- Technical Writing
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