HANNAH J. YUDKIN

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EDUCATION

Bachelor of Science, Computer Information Systems 2018
Bachelor of Arts, Business with a concentration in Marketing 2018
UNIVERSITY OF NEW HAMPSHIRE, Manchester, NH

- Senior Thesis on "The Effect of Artificial Intelligence, Machine Learning, and Artificial Neural Networks on How Companies Market to Consumers."
- Reported on data patterns, acquisition of demographic information, content-based filtering, purchase bundles, search criteria, purchasing trends, consumer behavior, and predictive analysis techniques.
- Contributed to performance optimization project for the CMU Sphinx3 open source speech recognition system.
- Helped improve unseen decode error rate from 50% to 41% and seen decode error rate from 28.4% to 25.2%.
- Created text-based dating sim with randomized conversations and variable relationship levels in Python.
- Developed a web-based Outfit Informer project involving clothing selection recommendations based on daily weather forecasts using Ruby on Rails, HTML, and CSS.

TECHNICAL SKILLS

- Python, Ruby, Ruby on Rails, HTML, CSS
- MySQL, PostgreSQL
- Cross Platform development knowledge
- Git, Adobe Photoshop, Adobe Illustrator, Microsoft Office, App Inventor

PROFESSIONAL EXPERIENCE

Computing Technology Consultant
UNIVERSITY OF NEW HAMPSHIRE, Manchester, NH   2017 - 2018

- Assisted students in a variety of projects relating to Java, MySQL, HTML, CSS, and JavaScript.
- Helped develop coursework relating database design and implementation, Object Oriented Programming, and web front-end design and development.

IT Help Desk Specialist
UNIVERSITY OF NEW HAMPSHIRE, Manchester, NH   2017 - 2018

- Provide desktop support and assist students, faculty, and staff in the Computing Technology and IT Support Services departments with troubleshooting.

Mobile Computing Teaching Assistant
UNIVERSITY OF NEW HAMPSHIRE, Manchester, NH   2016 - 2017

- Aided in instruction and student support for a Mobile Computing course offered twice per semester with 20+ students per class utilizing open source app creation software AppInventor.
- Create material for courses, lesson planning, research, student projects, tutoring, and homework.

ADDITIONAL INFORMATION

- Strong interest in pursuing career opportunities involving artificial intelligence, data analytics, predictive analysis, big data, and computer modeling.
- Completed 2 years of study in Chinese Language and passed the HSK Chinese Proficiency Test.
- Regional Enactus champion.

INTERESTS

- Gaming, fashion technology, baking, and fitness.