

# Haoran Wang

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## Education

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### University of Oregon

*M.S. in Computer Science GPA: 3.83/4.0*

**Eugene, OR**

*Expected Graduation: June 2021*

### Purdue University

*B.S. in Computer Science GPA: 3.30/4.0*

**West Lafayette, IN**

*May 2019*

## Experience

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### Purdue CAM2 Research Team | Professor Yung-Hsiang Lu

*Research Assistant*

*Aug 2018 - May 2019*

- Built a database to store images along with their metadata captured by network cameras around the globe.
- Evaluated different solutions to Big Data storage problem of unstructured data.

### University of Oregon NLP Group | Prof. Thien Huu Nguyen

*Research Assistant*

*Oct 2020 - Present*

- Read and discuss newly published ACL papers.
- Working on information extraction projects using deep learning.

## Teaching

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### University of Oregon CIS 211 | Professor Michael Young

*Graduate Teaching Assistance*

*March 2020 - June 2020*

- Taught weekly Code Demo sessions.
- Graded student projects and quizzes for class size of approximately 120 students.
- Held regular, weekly office hours and answered questions on Piazza.

## Notable Projects

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### Kaggle InClass Competition: Multi-Label Sentiment Analysis

*May 2018*

- Developed a classifier to do sentiment analysis using Naïve Bayes, Logistic Regression and SVM.
- Achieved 5<sup>th</sup> place out of 57 teams.

### Kaggle Competition: Jigsaw Multilingual Toxic Comment Classification

*June 2020*

- Fine-tuned BERT, XLM-RoBERTa to classify toxic comments in multiple languages.
- Achieved accuracy of 0.9459. In comparison, the best entry in this competition achieved 0.9556.

## Courses and Technical Skills

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- Coursework Highlights: Linear Algebra, Probability, Algorithm Analysis, Machine Learning, Introduction to Artificial Intelligence, Natural Language Processing, Data Science, Parallel Processing.
- Programming Languages: Java, Python, C, C++, Javascript, C#, SQL, PyTorch.
- Software Environments: IntelliJ, PyCharm, Vim, MySQL, React Native, NodeJS, Unity.

## Awards

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### Purdue University

*Semester Honor Student*

**West Lafayette, IN**

*May 2019*