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Yucheng He

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Education

Master of Comp Sci & Eng, Rice University

Aug. 2019 – May 2020

Bachelor of Arts, Rice University

Aug. 2015 – May 2019

Computer Science | Statistics

President's Honor Roll | GPA: 3.72

Work Experience

Software Engineer Intern, Pinterest

May 2019 – Aug. 2019

San Francisco, CA

- Worked for ML&Signal Platform Team to provide data and model infrastructure for ML tasks at Pinterest
- Made new real-time features available on Pinterest data platform by integrating RocksDB with Hadoop I/O
- Developed output feature preview and versioned feature history on Pinterest ML features portal using Hive

Software Development Engineer Intern, Amazon

May 2018 – Aug. 2018

Seattle, WA

- Worked for Automated Advertising Team to deliver dynamic product ads on social network platforms
- Developed and launched dynamic product ads on Gemini (Yahoo) with one billion daily impressions

Product Development Intern, Pros Holdings Inc.

Jun. 2017 – Aug. 2017

Houston, TX

- Created Currency Conversion REST Service using Dropwizard, Cassandra and GoCD
- Won internal hackathon by building a travel recommendation service using Watson and k-NN algorithm

Projects

Bespoke Life Using Deep Learning

Nov. 2017

- Developed a web app that takes an image input and generates a travel blog post based on the image using Deep Learning (RNN)
- Developed using Tensorflow and Numpy, deployed DL model on AWS and Oracle Cloud

Flight Destination Recommendation Service

Jul. 2017

- Developed a web app using Flask to recommend travel destinations based on a user's Facebook profile
- Created recommendations based on Facebook friends' check-in destinations using KNN classifier
- Utilized Watson API for sentiment analysis on travel blog posts to rank potential recommendations

Leadership Experience

Rice FinTech Scholars

Nov. 2017 – Present

- Perform technical review of disruptive financial technologies
- Explore entrepreneurial opportunities in the intersection between tech and finance

Event Coordinator, Rice Blockchain

Nov. 2015 – Present

- Plan events on educating students about the technical background of blockchain technology
- Plan roundtable discussion on applying blockchain technology

Skills

- Technical: Python, Java, Scala, Hadoop, Hive, Cascading, JavaScript, RocksDB, Cassandra, Agile
- Language: Chinese, English, German