

# John Doe

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## EDUCATION

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### University of Waterloo

Honours Bachelor of Computer Science

Sept '99 – the end of time (*expected*)

■ GPA

## EXPERIENCE

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### Company 1

Software Engineering Intern

Jan '21 – Dec '21

City, State

- Created an end-to-end training and evaluation framework for neural language models
- Ran architecture experimentation for language model rescoring, achieving WER gains of **3-5%**

### Company 2

Machine Learning Intern

Jan '21 – Dec '21

City, State

- NDA: Developed unsupervised method for improving accuracy of ■ language understanding

### Company 3

Software Engineering Intern

Jan '21 – Dec '21

City, State

- Designed, built, and shipped ■ first personalized newsfeed ranking system, increasing click-through mAP by **12%** over the previous production algorithm
- Researched and implemented a custom entity embedding scheme used by multiple teams
- Introduced dynamic request batching and splitting, reducing 95th percentile feed latency by **30%**

### Company 4

Software Engineering Intern

Jan '21 – Dec '21

City, State

- Developed a mechanism for spam campaign detection through the semantic clustering of subject lines, improving daily bot catch rate by **6x** compared to existing rule-based methods
- Sped up clustering routines by **85%** by implementing locality-sensitive hashing on MapReduce

### Company 5

Software Engineering Intern

Jan '21 – Dec '21

City, State

- Engineered scraping and ingestion pipelines for the generation of custom multimedia datasets
- Led an overhaul of the developer API, enabling customer integrations and async model training

## PROJECTS

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### Project 1

[link](#)

- Winner of ■; implemented decentralized protocol for democratizing CDN services

### Project 2

[link](#)

- Built application for generating  $\text{\LaTeX}$  documents from handwriting input

Open-source contributions: [project](#)/[project](#)

## SKILLS

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### Languages

Python, Java, JavaScript, Scala, C++, C, SQL

### Technologies

PyTorch, TensorFlow, Hadoop, Spark, Docker, React, Node.js