Duy Nguyen

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EXPERIENCE

- **Worldquant LLC** Aug 2018 – Present
  Software Engineer
  - Building internal data infrastructure
  - Implement new transformation tool which convert raw data to internal format which is much faster(about 2x-3x times) than old tool based on Spark. It will be deployed soon, and will reduce lots of manual work of my team
  - Language/Technology: **Facebook Thrift**, **Python**, **C++**, **Scala**, **Spark**

- **Worldquant LLC** Aug 2017 – Jul 2018
  Web Developer
  - Maintained and improved internal applications, which help Researchers and Portfolio Managers manage their tasks, strategies and alphas easily
  - One of the internal webs is able to serve few hundred API heavy-computing requests per second
  - Wrote an ORM-like layer which converts JSON parameters to SQL query
  - Implemented an in-house survey system based on LimeSurvey
  - Language/Technology: **Apache HTTP Server**, **Perl**, **MySQL**, **MySQL**, **ReactJS**

ACHIEVEMENTS & AWARDS

- **Ranked 9th in Vietnam National Olympiad in Informatics** 2013
  - Competed individually to solve 6 algorithmic problems in 3 hours using Pascal

EDUCATION

- **University of Engineering and Technology, VNU Hanoi** Aug. 2013 – May. 2017
  Bachelor of Computer Science; GPA: 3.36/4.0

- **Self-learning courses**
  - CMU - Database systems – https://15445.courses.cs.cmu.edu/
  - Princeton University - Distributed System – https://www.cs.princeton.edu/courses/archive/fall16/cos418