

# LEO YUE

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## EXPERIENCE

**NVIDIA | Infrastructure Engineering Intern**, Santa Clara, CA Sept 2017 – present

- Designing data mining and visualization tools used at all levels of the GPU and SHIELD board designs to improve efficiency.
- Developed an ETL pipeline to move and connect data from 10+ different device component nodes, achieved 97% accuracy.
- Built feature to automate detection of interferences in 3D product models and rolled out usage across team of 25 engineers.

**TESLA | Program Manager Intern**, Palo Alto, CA Jan – Apr 2017

- Defined vision, metrics, and spec after analyzing user requirements; led implementation for \$350,000 data management tool.
- Planned, designed, and executed a sample tracker system increasing user adoption by 80% over the course of two weeks.
- Delivered a low-cost web app to track real-time KPIs and identify areas of risk to management and design engineering teams.
- Built a mobile form that adds robust genealogy tracking for data visibility saving up to 90 hours a week of manual work.
- Implemented a scalable system architecture for supplier testing validation on large datasets using Pandas and Flask.

**ZENITH INSURANCE COMPANY | Project Manager Intern**, Woodland Hills, CA May – Aug 2016

- Drove development of high impact features by presenting insights on key product drivers to the Software IT team.
- Automated progress report generation with VBA scripts to expedite the validation testing process from 5 days to 4-5 hours.
- Conducted user studies for the product workflow to collect data and metrics to identify potential deployment bottlenecks.

**DELOITTE | Business Analyst**, Toronto, ON Sept – Dec 2015

- Gathered and converted user requirements into full feature specs then defined 4-month sprint roadmap with senior PM.
- Implemented multiple iterations of the prototype, demoed product, prioritized feature backlog, and reached out to 10+ clients to understand pain points.
- Collaborated with key stakeholders in testing (QA, UAT, PROD), deployment, and post-implementation support.

**BLACKBERRY | Software Developer**, Waterloo, ON May – Aug 2014

- Built data visualization feature used by 100,000+ online users to track test completion metrics with PHP and SQL.
- Improved user retention by implementing a points system allowing users to unlock new rewards using SQL to pull data.
- Undertook 100% of regression testing during initial iterations of Beta Zone application upgrades for BB10 OS.
- Spearheaded future co-op recruitment event improving average turnout by 75%, awarded 'Rising Star' for contributions.

## PROJECTS

**SnapLink** May 2017 – Aug 2017

Partnered with Ontario Veterinary College (OVC) to develop a medical record app that extracts data from IDEXX SNAP tests.

**ProdCon | PRODUCT VISION CLUB** Aug 2015 – Feb 2016

Negotiated partnerships with major companies (SMART, Tilt, 500px) to launch the first product conference at Waterloo.

**Digital Footprint | HACK BLACKBERRY** (*1st Place Winner*) July 2014

Built a data analytics tool visualizing server usage and digital trail using Python (Pandas, Matplotlib) and the JIRA API.

## SKILLS

**Languages** SQL · Python · PHP · HTML/CSS · Java · MATLAB · VBA

**Tools** JIRA · Git · Excel · Visio · Tableau · Quickbase

## EDUCATION

**UNIVERSITY OF WATERLOO** Class of 2018

*Bachelor of Applied Science*, Honours Mechanical Engineering, Option in Management Science

- Peter C. Masak Scholarship (outstanding extra-curricular achievement), Waterloo President's Scholarship.