Yinze(Steve) Fan

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EDUCATION

University of Toronto — Toronto, ON
Master of Engineering in Computer Engineering; CGPA: 3.97 — *Sept. 2016 – Jun. 2018*

University of Toronto — Toronto, ON
Bachelor of Applied Science in Electrical Engineering; CGPA: 3.01 — *Sept. 2011 – Jun. 2016*

PROGRAMMING SKILLS

- **Languages**: Java, JavaScript, Python
- **Web**: HTML, CSS
- **Databases**: MySQL
- **Technologies**: React, Jquery, AWS, Tensorflow

EXPERIENCE

Veeva System — Toronto, ON
Software Engineer — *Jun 2018 – Present*

- **Veeva Claims:** a suite of applications offer fully integrated claim management capabilities for the consumers products vertical on a single cloud-based platform.
- Planned, designed, and developed the core functionality for Regulatory Text Validation, Pack Copy Management, and Claim Local Adaptation utilizing Java and React to enhance the product as per client requirement.
- Designed Section Help Tooltip React component and integrated it to legacy page layout engine using Java, Jquery, and Handlebars to improve user experience. Conducted group testing across application teams to ensure 30 sections supports.
- Created Translator View to display nested data into a single matrix by using 3rd party library React-Table and Java, allowed user to provide translated element text via inline editing.
- Mentored onboard team members for self-management and effective delivery. As a Scrum Master facilitated sprint planning and retrospective work that leads to a high-quality decision.

PROJECTS

Serverless Online Event Organizer — Toronto, ON
Team Member, University of Toronto — *Nov 2017 – Dec 2017*

- Developed website in collaboration with 2 team members to provides event management services for restaurants in Toronto, deployed using AWS Lambda and API Gateway.
- Built the Flask based backend, integrated with DynamoDB and S3 cloud storage for user authentication and event information.
- Implemented frontend using the Knockout JS, that displays the locations of restaurants picked by the user with Google Maps API

Elastic Photo Storage Web Application — Toronto, ON
Team Member, University of Toronto — *Sept 2017 – Nov 2017*

- Designed and developed elastic photo storage web application that allows resizing worker pool based on demand
- UserUI enables photo storage and browsing services, deployed by using Gunicorn on Amazon EC2.
- ManagerUI lists all services on the EC2 instances in the worker pool and CPU utilization with minimal friction.
- Used Elastic Load Balancing to distribute incoming traffic across multiple workers(EC2 instances) and allows to add or remove workers from the worker pool as per requirements.

EXTRACURRICULARS

Chinese Undergraduates Association at U of T — Toronto, ON
Public Relationship, University of Toronto — *Sept 2016 - Apr 2017*

University of Toronto Table Tennis Club — Toronto, ON
Executive member, University of Toronto — *Sept 2013 - Apr 2015*