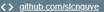
SANG NGUYEN









Tech Lead Ultimate Software

July 2019 - Current

- Enabled horizontal scaling by implementing a multi-tenant sharding solution using an API gateway to support 1600 tenants across 4 product services.
- Designed and implemented core WFM (Workforce Management) libraries including messaging, authentication and security.
- Developed a tenant migration service to automate and orchestrate migrations of tenants.

Team Lead Ultimate Software

April 2017 - July 2019

- Lead the development of WFM Scheduling and Reporting, full-stack customerfacing applications.
- Released Reporting within a one-month time frame from the beginning of development to production.

Software Engineer Ultimate Software

May 2015 - April 2017

- · Core full-stack developer on 3 WFM products.
- Converted 2 projects from AngularJS 1.3 to component-based design AngularJS 1.5.
- Contributed to a shared WFM AngularJS component library.

Software Engineer Intern Ultimate Software

Support Software Engineer Intern NCR

Web Application Engineer Intern Blue Coat Systems

January 2014 - April 2015 May 2013 - December 2013

January 2012 - December 2012 Education

Bachelor of Computer Science May 2015
University of Waterloo
Computer Science Honours, Co-operative
Program Economics Minor with Distinction





find near me Chrome extension

April 2017

- · A Chrome extension to perform in-context Google Map searches.
- Search, explore or map places from any web page at the click of a button.

plusify NPM package

March 2017

- · Extension from dashify to convert any text to plus-case
- · Available on npm with 520 downloads

US-Analytics Ultimate Software 48-Hour Best Internal Tool Award

October 2014

- · A javascript analytics library to track user interactions and flows.
- Over 30 project were submitted during the hackathon.

UltiMatt Ultimate Software 48-Hour Best Internal Tool Award

April 2014

Problem-solving game intended to be used as a recruitment tool.

· Players would modify editable sections of code to solve each level.

Battlehack PayPal Hackathon

February 2014

 Developed a payment service using OCR technology and a mobile device to scan bills.