David Zeng

davidzengming.com
davidzengming@gmail.com
linkedin.com/in/davidzengm
github.com/davidzengming
647 828 8892

EDUCATION

University of Waterloo
MECH. ENGINEERING, 2018

SKILLS

Code
Python
Swift
Javascript
React
Java
HTML
CSS
MySQL
MongoDB
Redis

MEDIA
SolidWorks

LANGUAGES
English
Mandarin
Cantonese

HOBBIES
Soccer
Gaming
Boba Tea

WORK EXPERIENCE

Naborly

SOFTWARE ENGINEER   TORONTO, ON   JUL 2017 - JUN 2018

- Improved search response time for application form queries from 1-2 seconds to < 300ms by introducing Elasticsearch indexes of application forms, implemented fan-out service for Elasticsearch and MongoDB
- Built dashboard UI for customers and in-house team for tracking app status
- Reduced process time by over 50%(from 2 days to 0.5 days) of many customers by creating document reuploading feature that allowed document issues to be resolved directly on the platform
- Reduced workload of in-house team of processing documents from 3-4 days to < 1 day by implementing streamlined screening feature
Tools: React, Redux, Node, Javascript, MongoDB, Elasticsearch

PokerStars

SOFTWARE DEVELOPER INTERN   VAUGHAN, ON   AUG - DEC 2015
Test Automation Team

- Designed and implemented automated bot player generation within simulated PokerStars testing environment of each country
- Reduced manual creation time of 1-2 hours per batch to instantaneous creation and verification of many bot players, in 10+ countries
Tools: Java, Selenium

TECHNICAL PROJECTS

Metagrab   JUL 2019 - CUR

- Implemented real time ranking algorithm with pagination for user curated content based on content activity
- Designed and built UI elements to allow users to log in, view home timeline, follow games, create threads, and post comments

Artifact Deck Helper   OCT - DEC 2018

- Created iOS application that help Artifact players design and build decks on the fly

Giffy   FEB - APR 2017

- Built React application that allow users to post and share pictures mapped to their geographical location

AWARDS + RECOGNITION

- Recipient of Northern Alberta Design Challenge Award for Capstone Design Project
- 1st place in Paper Airplane Competition out of 25 teams in Freshman Year
- 3rd place in regionals VEX Robotics Competition