Edward Wang

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SUMMARY

- A talented, self-motivated and disciplined coder, I have great interests in building amazing apps that serve users' need. I'm eager and excited to learn more about the latest industrial technologies in my first job.
- I highly value my team and teamwork, and I'm confident that I can make the team better through my joyful personality, strong sense of responsibility, and relentless work ethics.

EDUCATION

NEW YORK UNIVERSITY   New York, NY
M.S. Computer Science, GPA: 3.4/4.0   Sep 2015 – Jan 2018
- Coursework: DevOps, Fundamental Algorithms, Operating Systems, Database Systems, Big Data Science

UNIVERSITY OF VIRGINIA   Charlottesville, VA
B.A. Mathematics, Major GPA: 3.5/4.0   Sep 2009 – May 2013

SKILLS

- Proficient in Java, HTML, CSS, JavaScript, MySQL, Angular, React, Spring, RESTful API

EXPERIENCE

SOFTWARE DEVELOPMENT TRAINING COURSES
- ***Full Stack Development Project Study***   Sep 2019 – Now
  - Learned the fundamentals of front end, back end and cloud deployment with hands-on experience
  - Built projects via the latest industrial technologies, such as Angular, React, Spring, Hibernate and AWS
- ***Machine Learning Boot Camp***   June 2019 – Sep 2019
  - 96 class hours of training, concentrating on underlying concepts and implementations of popular models
  - Built projects using models such as Linear Regression, Logistic Regressions, Neural Network and Gradient Boosting Decision Tree

CORNERSTONE SERVICES, INC.   New Paltz, NY
Software Engineer Intern   May 2016 – Aug 2016
PHP, HTML, CSS, JavaScript, MySQL
- Developed company's internal task management platform for employees to manage their jobs efficiently
- Built features such as file importer, real-time notification system that reminds employees of their new tasks, alert system that shows different error messages, etc.
- Took active roles in software beta testing, fixing legacy bugs and decision-making regarding software designs

PROJECTS

STUDENT COURSE REGISTRATION WEB APPLICATION   Sep 2019 – Oct 2019
Java, HTML, CSS, Typescript, Angular, MySQL, Spring, Hibernate, RESTful API, AWS
- Developed a web application to support course registration system for teachers and students
- Built features for teachers to add/delete courses, and for students to register/unregister courses
- Displayed different looks and the functionalities of the page based on different roles of the user, teacher or student

ADVERTISEMENT CLICK-THROUGH RATE PREDICTION   June 2019 – Aug 2019
Python, Machine Learning, XGBoost, Gradient Boosting Decision Tree
- Built a predictor for e-commerce website, Tmall.com, to predict whether an advertisement will result in a trade, based on a dataset that contains 478,138 advertisement records for 8 straight days with 27 features.
- Generated advanced features such as historical conversion rates for all items, item conversion rate with respect to each customer's age group, etc. to complement the existing features
- Trained the model using XGBoost and measured the model performance by Area Under Curve and Log Loss

RESTFUL PAYMENT SERVICE   New York University
DevOps, Python Flask, RESTful Service, MySQL, Vagrant, Virtual Box, Docker   Sep 2017 – Dec 2017
- Developed a RESTful payment service for a simulated e-Commerce website
- Built features for users to view, add, delete, and update payment records
- Generated Test Driven Development and Behavior Driven Development tests and automatically performed them on the micro service via Travis CI and DevOps pipeline
- Worked with teammates in in an agile development environment, organized and coordinated meetings, helped reviewing teammates' code