Luxi Wang

Entry Level Software Engineer

Passionate about data and Machine Learning

louis99@uw.edu | 2062346786 | linkedin.com/in/luxi-wang | github.com/LuxiWang99

EDUCATION

B.S. Computer Science, B.S. Mathematics
University of Washington
09/2017 – Present *3.8*

WORK EXPERIENCE

Program Manager Intern
Microsoft
06/2018 – 09/2018 *Shanghai, China*

Responsibilities

- Worked on the Azure Blockchain team to provide simple contract deployment and consortium management
- Worked on a project to demonstrates to clients how Azure Blockchain can be used in a voting scene
- Wrote documentation for how to start using Azure Blockchain services
- Contributed to producing work reports using Power BI

Technology Consultant
University of Washington, Learning Technologies
09/2018 – Present *Seattle, WA*

Responsibilities

- Providing phone and in-person computer support to students, staff and faculty
- Commonly performed tasks include Windows installation on PC and Mac, virus removal, data backup and installation of commonly used software
- Spending ~12 hours per week to familiarize students and staff with technology and relevant services provided by UW including Microsoft Office 365 Pro Plus and Google G Suite
- Teaching students how to use 3D printers and answering basic questions regarding 3D printing
- Utilizing ServiceNow to log in our customer service record for future reference
- On average, over 100 consultations each quarter

SKILLS

Java | Python | JavaScript | C++ | C | SQL | React.js | Linux | HTML/CSS | Git | Azure

PERSONAL PROJECTS

SeGuard (06/2019 – Present)

- Applying machine learning techniques to detect various android malware in project SeGuard, a project in the PLSE lab at UW
- Studying possible designs that accurately capture the features of the Android application extracted semantic dependency graph
- Implementing experiments to fine tune relevant hyperparameters and comparing the features generated by different parameter sets
- Comparing different estimators in multivariate classification tasks, including support vector machine, random forest and nearest neighbors
- Classification accuracy reaches up to 70% in a small dataset

Classical Music Genre Classification (09/2019 – Present)

- Gathering classical music data and explore the possible features to feed into the network
- Designing different neural networks that distinguish classical music pieces from different time periods
- Utilizing common neural networks such as long short-term memory, convolutional neural network
- The prototype of our network reaches about 50% of accuracy in a 4 way classification

File Search Engine (03/2019 – 05/2019)

- Built an application that searches text and HTML files; Using keywords and has a similar effect as Google
- Implemented the application in Java, used various data structures such as hash tables and linked lists to store data so that it was efficient at searching using keywords
- Wrote a server-side program that successfully hosted my searchable index page and returned the search results in a list of hyperlinks, each is connected to either a HTML page or a document

LANGUAGES

English
Native or Bilingual Proficiency

Chinese
Native or Bilingual Proficiency

EXTRACURRICULAR

I play the violin at University of Washington Symphony Orchestra and Campus Philharmonic Orchestra