SONYA LAO

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Skills

PROGRAMMING LANGUAGES

Java

SQL, SQLite

HTML

CSS

Javascript

C

Assembly

Python

R

SOFTWARE

Microsoft Power BI

Microsoft Excel

SQL Server Management Studio

Windows Server 2016

SPOKEN LANGUAGES

English

Mandarin

Cantonese

CERTIFICATIONS

Cisco Certified Network Associate (CCNA) 2016

Cisco Certified Network Professional (CCNP) 2017, Routing

Education

University of Washington Seattle
Sept. 2017 to Current

BS Computer Science 2021

Paul G. Allen School of Computer Science and Engineering Freshman Direct Admit
Completed Courses: Hardware/Software Interfaces, Foundations of Computing, Data Structures and Parallelism, Software Design and Implementation, Introduction to Data Management, Computer Security, Introduction to Machine Learning

Employment

Amazon
Seattle, WA

Future Engineer Software Developer Intern — June 2019 to Sept. 2019

Incoming AFE SDE Intern within AWS

University of Washington Learning Technologies
Seattle, WA

Productivity Tools Instructor — Jan. 2018 to Current

Served as the Learning Technologies consultant regarding Microsoft Excel. Developed and taught beginning and advanced level Excel workshops. Assisted staff members of the University of Washington community with their Excel needs through 1 on 1 consultations on topics like workbook design decisions and data analysis with charts and pivot tables.

Port of Seattle
Seattle, WA

IT Content Services Intern — July 2017 to Aug. 2017

Rebuilt the development team's internal work reporting Sharepoint site, following the Agile software development cycle. Created a data model for the structures of the old and new sites. Utilized Sharepoint Designer, Sharepoint API, Sharepoint 2010 and Sharepoint Online, HTML, CSS, Javascript.

Seattle, WA

Data Analyst Intern — June 2018 to Aug. 2018

Created dashboards to visualize how airport terminal space, and its many components have changed over time. Cleaned the dataset in Excel and wrote SQL queries to move the data to an Access database, queried the Access database to create the needed data tables and created Pivot tables and Pivot charts in Excel to visualize the data.

Microsoft
Redmond, WA

High School Software Engineer Intern — June 2016 to Aug. 2016

Worked on the SQL Server Management Studio (SSMS) Team to deploy code measuring user metrics. Created a telemetry pipeline to query the database and aggregate the collected data with SSMS. I also visualized the data to create business insights in Microsoft Power BI using various graphs.

Awards

Rewriting the Code · Fellow
Sept. 2018

Working to build a support network of undergraduate women studying computer science. Member of the Data Science Affinity Group Leadership Team and #ThrowbackThursday team. Learn more at rewritingthecode.org

UW Paul G. Allen School of Computer Science and Engineering · Google Endowed Scholarship in Computer Science and Engineering
Sept. 2017

Merit-based scholarship granted for the 2017 – 2018 academic year to fund the cost of attending university and the Paul G. Allen School of Computer Science

National Center for Women and IT (NCWIT) · Aspirations in Computing WA Affiliate Winner, National Honorable Mention
Dec. 2017

Award given by the National Center for Women and IT (NCWIT) (ncwit.org). 10 percent of about 3,500 applicants selected as National Honorable Mentions. 1 of 20 high school women in Washington state selected for achievements in computing.