

SONYA LAO

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EDUCATION

University of Washington – Seattle, Computer Science Major

Expected Graduation: June 2021 | Paul G. Allen School of Computer Science and Engineering Freshman Direct Admit
Relevant Coursework: Hardware/Software Interfaces, Foundations of Computing, Data Structures and Parallelism

Newport High School

Sept 2013- Jun 2017 | GPA: 4.0

SKILLS

- ♦ Proficient in Java, SQL, HTML 5/CSS, JavaScript, Cisco IOS
- ♦ Beginner in C, Assembly
- ♦ Proficient in Linux (Ubuntu Server, Fedora, CentOS), Cisco Unity Connection Manager, Windows Server 2016
- ♦ Proficient in Adobe Photoshop CS6, SQL Server Management Studio
- ♦ Microsoft Power BI, Microsoft Excel Pivot Tables
- ♦ Fluent in Mandarin and Cantonese (reading, speaking, basic writing)
- ♦ Cisco Certified Network Associate (2016), Cisco Certified Network Professional – Routing (2017)

WORK EXPERIENCE

Data Analyst Intern

Port of Seattle

June 2018 – Sept 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.

Productivity Tools

University of Washington

January 2018 - present

Instructor

Learning Technologies

Served as the Learning Technologies consultant regarding Microsoft Excel and Microsoft SharePoint. Taught beginning and advanced level Excel workshops and assisted staff members of the University of Washington community with their Excel needs, from formulas to data visualizations with graphs, charts, and pivot tables.

IT Content Services Intern

Port of Seattle

July 2017 – August 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.

High School Software

Microsoft

June 2016 – August 2016

Engineer Intern

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.

HONORS AND AWARDS

Rewriting the Code 2018 & 2019 Fellow

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

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

Aspirations in Computing WA Affiliate Winner, National Honorable Mention

Dec 2016, 2017

Award given by the National Center for Women and IT (NCWIT). 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.