

Arthur Liu

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Education

University of Washington

2018 – Present

BS, Computer Science (Direct Admit), GPA: 4.0

Juanita High School

June, 2018

Cambridge Program, Unweighted GPA: 4.0

- National Merit Finalist, Top in Country for AS Level Mathematics, Cambridge Certificate with Distinction
 - Perfect Score AP Computer Science A exam
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Experiences

University of Washington

Jan 2019 – Present

Undergraduate Teaching Assistant

Seattle, Washington

- Teach a class of 20+ students twice a week to strengthen fundamental programming concepts including abstract data types, stacks, queues, linked lists, binary trees, recursion, interfaces, and encapsulation, taught in Java
- Guide students one-on-one at the Introductory Programming Lab

CueMed

June 2018 – July 2018

Intern

Issaquah, Washington

- Built a professional pitch deck using PowerPoint which was used in meetings with potential investors
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Projects

Social Media Summarized – Friend Zone

NWHacks Hackathon

January, 2019

Vancouver, Canada

- Friend Zone is a web app that succinctly summarizes a person's social media
- Built a tool to scrape data from Instagram in Python

Personal Website – arthurjl.github.io

January 2019

- Created a personal blogsite from scratch using the Jekyll framework (a static-site generator)

Business Plan: “Delivering Digitalization”

RICC

Top 5 Freshman Direct Track, 2018

Seattle, WA

- Headed the creation of a professional PowerPoint deck during the 48 hours given by the Russell Investments International Case Competition prepare an analysis regarding the shipping industry and blockchain technology

Dining Account Visualization – Dubs Dining

DubHacks Hackathon

Finalist in Data Track, 2018

Seattle, WA

- Dubs Dining is used to provide a clean interface for UW students to view dining accounts and transactions
- Developed front end for Dubs Dining website using HTML and CSS
- Learned basic web server hosting with Django

KickStarter Insight

The DataThon

Third Place in Data Visualization, Best Beginner Team (Name: Dubs Dining 2.0)

Seattle, WA

- Utilized KickStarter data set and Jupyter Notebook + Pandas to provide two useful insights as graphs
- Correlated launch date with success rate and correlated campaign category with success rate

Space Battle Arena

District Coding Competition

Third Place, 2018

Kirkland, WA

- SBA is a programming game where participants write code in Java to autonomously control a space ship
 - Post AP test project that incorporated interfaces, multitasking, and use of local servers
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Electric Skateboard

Skills & Interests

Java • HTML, CSS, JS • Python • Highly-proficient in PowerPoint • Converse in Mandarin
Soccer (High School Varsity & Club) • Piano (Accolades in regional piano festivals) • Principle Violist (High School)