

Alex Chow

1250 NW Arcadia Ct – Poulsbo, WA – 98370

📞 (360)-908-7906 • ✉ a.chow@wustl.edu • 🌐 alexchow.me

Education

Washington University in St Louis

B.S. Candidate in Computer Science and Political Science

Relevant Coursework: Data Structures and Algorithms, Rapid Prototyping and Creative Development, Probability and Statistics for Engineering, Introduction to Data Science

St. Louis, MO

August 2017 – May 2021

North Kitsap High School

High School Diploma

Poulsbo, WA

Graduated June 2017

Work Experience

Washington University in St Louis

Undergraduate Research Assistant

St Louis, MO

Jan 2019 - Present

- Categorized a dataset of Facebook political ads according to category of ad purchaser to aid larger multi-University program to gain insight from Facebook advertising and their impact on American politics and elections.

Chowren Toys

Summer Operations Intern

Poulsbo, WA

Summers, 2010–2018

- Utilized spreadsheets to form a quick and easy to understand UI while implementing a backend script that interfaces with database allowing users to selectively change information within the database without building a fully custom software solution
- Applied Python with AWS Lambda and AWS Lex to begin prototype of customer service chatbot to answer frequently asked questions on Facebook Messenger in order to improve responsiveness while reducing workload of customer service agents.
- Developed procedure and examples for improved product photography in order to unify design of site. Given project parameters, developed new method in 1 week that became standard operating procedure and serves as the current guideline for product photography.
- Created Google scripts and Excel spreadsheets to speed up accounting and inventory processes. Many spreadsheets became baselines for more advanced spreadsheets that are currently in use.
- Worked on initial setup of Amazon Web Services servers, including initial proof of concept and exploration of processes. Laid foundation to migrate most mission critical applications to AWS servers to minimize downtime. Tightened security after attempted brute force attack on database servers.

Volunteer Experience

North Kitsap Fishline

Volunteer

Poulsbo, WA

Summers, 2011–2017

- Was approached to act as private photographer/videographer for groundbreaking event of new site. Handled 3 cameras split between timelapse of mural painting, recording speakers and doing general photography of the event. Images taken served in promotional material and publicity spots.

Leadership Experience

Bear Nation Varsity Band

Social Chair

St Louis, MO

Jan 2019 – Present

- Organized events in order to increase bonding and cohesion within a completely student-run organization.

Additional Skills

French: Proficient *National French Contest Honorable Mention (Level 4) 2017, National French Contest Bronze Medal (Level 3) 2016*

Microsoft Office: Advanced

Google Apps Suite: Advanced

Python: Proficient

Java: Proficient

Amazon Web Services: Proficient

Capture One: Proficient