# ALEX ALBERT alexcalbert4@gmail.com | linkedin.com/in/alex-albert | alexalbert.me | github.com/alexalbertt

## EDUCATION

**University of Washington**, *Seattle, WA*                    *September 2019-June 2023(Expected)*
*B.A. Computer Science, 3.85/4.0 GPA, Dean's List All Quarters*
- Relevant coursework (through Spring 2022): Distributed Systems, Operating Systems, Data Structures and Parallel Programming, Software Design and Implementation, Systems Programming, Database Architecture

## EXPERIENCE

**Software Engineering Intern,** Google, *Mountain View, CA*                    *June 2022-Present*
- Developing an internal tool from scratch for visualizing library components within the YouTube Ads Infrastructure team; created a 20-page design document highlighting design and product decisions

**Software Engineering Intern,** Capital One, *Seattle, WA*                    *June 2021-August 2021*
- Designed and developed an internal tool for credit card correspondence management using React; allowed associates to select from and modify over 40 letter templates
- Created backend REST API using Go to manage letter template requests; deployed in an AWS lambda
- Leveraged PostgreSQL database on Amazon RDS and AWS SQS to store and communicate letter template requests

**Participant**, Google Software Project Sprint Program, *Seattle, WA*                    *February 2021-May 2021*
- Led full development of vaccine rewards site built with React; built MVP that allowed users to add vaccine badges to their social media profile pictures
- Utilized Facebook and Instagram APIs for social sharing

**Co-Founder**, WA Voting Project*, Wenatchee, WA*                    *July 2020-December 2020*
- Created organization to provide WA state voters with information about candidates in local elections
- Developed and deployed website created with Gatsby.js; hosted site on Netlify
- Employed Google Place API to handle address and legislative district lookup
- Helped organize and coordinate interviews of 20+ local election candidates

**Software Developer**, UW Sensors, Energy and Automation Lab (SEAL)*, Seattle, WA*       *April 2020-March 2021*
- Developed and deployed React Microsoft Word Add-In application to assist researchers with the research paper writing process
- Developed accompanying React web application with a Java Spring Boot  REST API service
- Led early business development efforts which included early customer acquisition, focus group interviews with four professors, and the creation of a product demo video

**Product Development Intern,** Centricity Global, *Wenatchee, WA*                    *June 2018-September 2018*
- Researched design principles to refresh landing page of main website with a focus on accessibility
- Created an extensive 30-page onboarding guide for future employees
- Provided customer service support by phone and email; responded to over 100 customer tickets/inquiries

## CLUBS/ACTIVITIES

**VP, Professional Development**, UW Lavin Entrepreneurship Program, *Seattle, WA*       *July 2020-September 2021*
- Served on the executive team of a program that has over 80 students
- Spearheaded the creation of a comprehensive internship and career program; provided 10+ internship roles
- Partnered with 5+ startups and venture capital firms based out of Seattle

**Software Team Member**, UW Husky Robotics*, Seattle, WA*                    *October 2019-July 2020*
- Increased pathfinding speed by 30% by implementing BFS algorithm in C++
- Served as a liaison and managed communication between 4 subteams compromising over 20 people

## PERSONAL PROJECTS

**iOS Apps**: Created and published two Swift apps to iOS store garnering 1k+ downloads (*Heyyy* and *Night Owl*)
**Ring Detection**: Annotated Ring doorbell video using motion detection and YOLO object recognition with Python
**Class Bot:** Created a bot using Selenium and Flask in Python that automatically registers for classes