ALEX MACLEAN

aemaclea@calpoly.edu | (206) 556 - 5048 | linkedin.com/in/alexmaclean2000

EDUCATION

California Polytechnic State University, San Luis Obispo
Bachelor of Science, **Computer Science**, expected June 2022
Current GPA (through Spring 2020): 4.0

Relevant Coursework:

- Fundamentals of Computer Science
- Intro to Computer Organization
- Project-Based OO Programming
- Data Structures
- Computer Architecture
- Systems Programming
- Calculus I, II, III, IV
- Linear Algebra I
- Technical Writing

SKILLS

- **Basic Programming Knowledge:** C#, Java, Python, and ANSI C
- **Version Control Experience:** Git, GitHub, Phabricator, Subversion
- **Web Development:** Html, CSS, Sass, and JavaScript, Typescript, React
- **DevOPs Knowledge:** Docker and Terraform

RELEVANT EXPERIENCE

Dropbox Inc. | Summer Intern | San Fransico, CA (virtual)   June – September 2020

- Built and improved user experience flows in the business admin console using Typescript React and Python
- Collaborated with an interdisciplinary team to build, test, and deploy features
- Implemented gating and A/B testing to analyze the business impact of changes

Rose Point Navigation Systems | Summer Intern | Redmond, WA   June – September 2019

- Updated legacy Ruby on Rails service framework to use modern libraries and language standards
- Used Docker to migrate corporate website from bare-metal server to container on Docker swarm
- Added centralized metrics and log harvesting to production swarm

Math Adventure | Summer Intern | Bellevue, WA   July – September 2018

- Developed tool to register people for events using ASP.Net Core, SQL Server and Azure
- Created interfaces to register for events, manage registrations, detect duplicate registrations, and manage events

Microsoft | Summer Intern | Redmond, WA   June – September 2017

- Worked for 10 weeks on Cloud Computing and Storage Team at Microsoft Research
- Implemented features, such as templates and user management, to Deep Learning workspace, a tool for running distributed deep learning jobs on large computer clusters
- Improved Python APIs for deep learning job scheduling

AWARDS

- Dean's List, Cal Poly SLO: Fall 2018, Winter 2019, Spring 2019, Fall 2019, Winter 2020, Spring 2020
- President's List, Cal Poly SLO: AY 2018-2019, AY 2019-2020
- 1st place, advanced division, 2016 PLU high school programing competition
- 1st place, advanced division, 2016 spring PSCSTA high school programing competition

LEADERSHIP & INVOLVEMENT

- Poly-Sat Software Team   **October 2019 – Present**
- Cal Poly Triathlon Team   **September 2018 – Present**
- Boy Scout Troop 186 (Eagle Scout)   **June 2012 – April 2018**