Alex MacLean

5707 33rd Ave NE
Seattle, WA 98105

Alex.Maclean2000@gmail.com
(206) 556-5048
alex.teammaclean.net

Expertise:
- Basic Programming Knowledge (C#, Java)
- Knowledgeable with the Internet and computer tools
- Git and Subversion experience
- Android phone applications with Java and C# Xamarin
- ASP.Net Core (Html, CSS, JavaScript)

Education:
- California Polytechnic SLO 2022
- Roosevelt High School class of 2018 (GPA: 3.98)
- UW Computer Science Engineering 142 (through CIHS)
- AP Computer Science and Computer Science Projects Classes
- AP Calculus, AP Physics

Related Experience:

- **Summer Internship at Microsoft (2017)** – worked for 10 weeks on the Cloud Computing and Storage Team at Microsoft Research. Added features, such as templates and user management to Deep Learning workspace, a tool for running distributed deep learning jobs on large computer clusters.

- **Software Lead of FRC team 4180 (2016-2017)** – taught Java in weekly curriculum to incoming software members. Managed a 15 person team during build season to write and test code for the robot.

- **Summer Internship at UW Genome Sciences MacCoss Lab (2016)** – Added to the Skyline software one and two dimensional histograms for displaying mass errors.

- **Member of FIRST Robotics team 4180 (2015-2016)** – wrote code to autonomously operate the robot using image recognition to shoot balls in the goal, won Innovation in Control Award at Mount Vernon competition for extensive and accurate image recognition using OpenCV.

- **Summer Internship at UW Genome Sciences MacCoss Lab (2015)** – worked on Skyline software for proteomic data, gaining first experience in software development cycle with automated tests for new features.

Awards:
- 1st place, advanced division, 2016 PLU high school programing competition
- 1st place, advanced division, 2016 spring PSCSTA high school programing competition
- Innovation in Control award at Mt. Vernon *FIRST* Robotics competition, for image recognition.

Extracurricular:
- Roosevelt Robotics Club, Team 4180 the Iron Riders
- Boy Scout Troop 186 (Eagel Scout)
- Roosevelt Men's Swim and Dive Team, Ping Pong Club