Annapurna Mandalika

[amandalika19@outlook.com](mailto:amandalika19@outlook.com) | 425-445-6295 | [www.linkedin.com/in/amandalika](http://www.linkedin.com/in/amandalika)

Education and Skills

## Seattle university class of 2023 bachelor of science, computer science

* Cumulative GPA: 3.8 **DEAN’S LIST (2019,2020)**

## FOREST rIDGE sCHOOL OF THE SACRED HEART

* Cumulative GPA: 3.7

**TECHNICAL SKILLS**

* HTML, CSS, JavaScript, C++, Java

**RELEVANT COURSEWORK**

* Data Structures, Programming and Problem-Solving II, Programming and Problem-Solving I.

Professional Experience

## google Chrome extension for E-commerce Shopping list | january 2020: In limited beta

* Built Google Chrome extension to maintain a user’s shopping list across various e-commerce sites such as Amazon, Target, Costco and more

## Microsoft Corporation, HIGH SCHOOL DEVELOPER INTERN | summer 2019

* Built the new Chromium based Edge browser’s “new tab” page with tiles containing favicons for favorite sites
* Researched alternative algorithms to determine the dominant color from favicons and use it as the background
* Built demo pages using HSL, RGB, custom binning and max pixel count algorithms to determine the best fit
* Using the preferred HSL approach, built and integrated the “new tab” page with the new Edge source code
* Presented the alternative algorithms, their pros and cons and my recommendation to the Edge Browser Senior Leadership

## Microsoft Corporation, HIGH SCHOOL DEVELOPER INTERN | summer 2018

* Built a cross platform, cross device web browser using Electron to run on Windows PC, Android and iOS on the Mac and iPhone
* Presented the design, architecture, code and main learnings to the Microsoft Web Platform Senior Leadership as an input to the decision to adopt the Chromium platform for the Edge browser

## Telugubadi, teacher At Telugu language School, Redmond, wa | sept 2017 – June 2019

* Built an iOS Telugu learning and testing app that is now used by all the students and faculty
* Designed and implemented a new system to manage computer and technical resource service requests

Community Work and Awards

## stem

* Forest Ridge School: Leader, Hour of Code Program: Improved the enrollment of women in Tech by 25% through community programs and building partnerships with Microsoft and Google STEM
* 2017 award winner at the Forest Ridge STEM Fair. I demonstrated and explain reasons behind chemical and additive composition of water samples collected from 3 countries and helped create awareness in a small town in India about sediment and chemical pollution in the water supply and how to reduce it.
* 2016 award winner at the Forest Ridge STEM Fair. I demonstrated the most effective desalination methods using common household materials. I am working with a non-profit in India to develop my idea and deliver potable water to local villages

## Language

* 2016 and 2015: 1st place winner, Pacific Northwest Region, “TeluguBadi” (school of South Indian Telugu Language) competition in writing, speaking, and spelling bee.

## Music

* 2019 and 2018: Lead Vocalist of the Forest Ridge Chamber Choir. I led school choir in 6 performances in Italy including at the St. Peter’s Basilica and 2 at the Carnegie Hall, New York City.