

## EDUCATION

### **B.S. Computer Science**

University of Washington – Seattle, WA  
Expected Graduation: June 2021  
GPA: 3.41  
Data Science Track

### **A.S. Associate in Science Transfer**

Skagit Valley College – Mount Vernon, WA  
Graduated: June 2019  
GPA: 3.98  
President's Medal, CS Departmental Honors

*Relevant Coursework: **Foundation of Computing I & II, Intro to Data Management, Data Structure and Parallelism, Hardware Software Interface, Software Design and Implementation, Systems Programming***

## WORK EXPERIENCE

### **Treasurer** | Associated Students of Skagit Valley College | September 2018 – June 2019

- Elected as student body treasurer responsible for organizing and keeping track of 3 different budgets for various student activities.
- Chaired the sub-committee Student Technology Fee and Service and Activity Fee committee responsible for listening to budget presentations from student groups and supporting services, moderating the evaluation ensuring various stakeholders are represented, and awarding proposals according to impacts, importance, and guidelines.

### **Math Tutor** | Tutoring Center @ Skagit Valley College | January 2018 – June 2019

- Spent 10 hours per week providing drop-in and one-on-one tutoring services for various math subjects including algebra, geometry, pre-calculus, calculus, and linear algebra.
- Developed a quarter-long lesson plan for one-on-one tutees, based on learning styles and skill levels, motivating the tutees to excel in their class

## LEADERSHIP EXPERIENCE

### **President** | Computing Club @ Skagit Valley College | September 2018 – June 2019

- Developed a lesson plan for and taught the club members to learn **Java** programming, based on the skill levels and learning goals, using resources like textbooks and google Kickstart archives. The curriculum was tailored to student interest and usability. Students have increased familiarity with Java, HTML, or Python at the end of the year.
- Facilitated in depth discussion for mathematical logic and algorithm from google Hash Code archives and problems brought by club members.
- Planned, researched, and led a small-scale project at the end of the school year, which is an emoji-to-ASCII program using Java and ImageMajick (**C / C++**).

## SELECTED PROGRAMMING PROJECTS

### **Custom WordPress Development** | Skagit Valley College library website | May 2018 – May 2019

- Planned, researched, and developed a custom WordPress theme from Divi Theme framework that extends the main website, with the focus on friendly user interface and simplified data base search.
- Worked in **WordPress environment, php** and **CSS** (self-taught).
- Next step in the project is to improve the user-experience of the website administration and customization, for it to be handed over to the library faculties.

### **What am I doing with my life?** | personal project | July 2019 - present

- Building an Android application to select a 'highlight' from selected day, week, or month determined by the longest hours spent at a location provided from google timeline data.
- Written in **Java** with **Apache POI** and **Maven**. Done in **Android Studio** for demonstration and testing stages.
- Continued work in the project to incorporate the data from google / outlook calendar to improve the algorithm for determining the 'highlight.'

### **Personal Website** | <https://bellaroseee.github.io/old-website/> | personal project | May 2020

- Built an interactive website with **HTML, CSS** and **JavaScript**
- The website's first version has more information about my projects and myself, and is made responsive for phone and desktop view.