

# Juntaro Bruttomesso

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GitHub: Juntab1

- Sophomore at the University of Washington
- Passionate about the design/implementation aspect of Software Engineering and algorithmic programming
- Enthusiastic & hard-working student, willing to put in the extra time to contribute to the best of my abilities and learn as much as possible.

## Projects

### ASCII top-down shooter: Bullet-Man

Python

- Learned how to create a structurally growable program and also how to handle screen and user coordinate interactions
- Focused on taking an OOP approach
- Used the curses module to get a text-based user interface

### Husky Scheduler (Husky Coding Project Club)

JS/HTML/CSS

- Developed a website with a group to help students easily decide on courses to take at UW
- Focused mainly on implementing the JS
  - Used an API to get course information at UW
- Gained proficiency in debugging others' work and leveraging resources to gain insight on new tools

### Element-Calculator

Python

- Learned how to use compilers and interpreters to create a simple calculator that can calculate normal values but also unique values by adding the common elements on Earth
  - Ex: Fire + Water = Water
- Used PLY which is Python's Lex-Yacc

### Caf-Fiend (Dubhacks, 24 hour Hackathon)

JS/HTML/CSS and JSON

- Created a responsive website with three others to track student's consumption of caffeine in a day, week, and month
- Acquired the ability to adapt quickly and transition to alternative strategies when encountering obstacles to maintain progress and create a working product
- In charge of working on the JS and helping with the JSON database
- Was able to implement a database by imputing information from Excel into JSON

## SKILLS

- **Java** (Most proficient), **Python** (Self-taught), **JS/HTML/CSS**, **Kotlin**, **C**, and **React**
- Passionate about helping create products that improve the quality of life and help expand the innovative possibilities of the human race
- Fluent in English and Japanese

## Extra Projects

- **Self-paced learning:** text-based adventure game (Java) and Attendance Tracker (Kotlin)
- **Club:** CookBooked (React, 2023-current)

## EDUCATION

### University of Washington: Seattle, WA — *Intended: Computer Science*

September 2022 - PRESENT

- GPA: 3.66
- Core Courses Taken: CSE 122 {Language is Java}, CSE 123 {Language is Java}, CSE 373 {Language is Java}, Math 208 (Matrix Algebra), Math 126 (Calc III), PHYS 121 (mechanics)
- Clubs:
  - Japanese Student Association: Officer (2022-PRESENT)
  - Husky Coding Project: Member (2022-PRESENT)
  - NSLS: FOL 101-2 Certificate (2023)

