

Bill Yu

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Computer science student with web development experience and team management skills.

Objective: Seeking software related **internship** roles for **Summer of 2023** to challenge myself, develop current and new skills, and gain practical experience and professional development.

EDUCATION

University of Washington - *Paul G. Allen School of Computer Science & Engineering*

Bachelor of Science in **Computer Science**, Minor in Linguistics

GPA: 3.5, Attendance Period: Sep 2021 - **Jun 2024**

Relevant Courses: Data Structures & Parallelism, Intro to Data Management, Operating Systems Programming Languages, Software Design & Implementation, Systems Programming

TECHNICAL PROJECTS

333gle (Mini Google) Project, Sep 2022 – Dec 2022

Academic Project

Implemented multi-threaded web server in C/C++ from scratch in Systems Programming Course
Assembled file search engine, recursively parsing directories to create inverted index structure

DubHacks '22, October 2022

Hackathon Submission

Facilitated web extension project to estimate carbon footprint of user's online traffic
Utilized Python for web scraping and Flask server, HTML/CSS/JavaScript for extension UI

CampusMaps Project, April 2022 – June 2022

Academic Project

Produced full-stack campus map web application from scratch during Software Design Course
Constructed app using a Spark Server backend in Java and ReactJS frontend in JavaScript

Percussion Farms Website, <percussionfarms.org>, Nov 2021 – June 2022

Technical Project Lead

Facilitated team and coordinated technical project work on a website for a local POC organization
Designed JavaScript code to implement dynamic functions and utilize external APIs

LEADERSHIP

DUBvelopers, Oct 2022 – Present

Technical Director

Facilitate workshops teaching ReactJS, Git, HTML/CSS/JavaScript for 200 club members
Actively develop and refine club curriculum to cover topics of web development for 6 hours/week
Communicate tasks amongst club leadership and synthesize relevant materials

TECHNICAL SKILLS

Java

Python

ReactJS

NodeJS

C, C++

SQL

Git

Azure

MongoDB