

Avi Wadhwa

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Experience

- [PrimeOS](#) (Jun 2022 – Jul 2022): Worked on development for the App Store for PrimeOS's PrimeBooks: Android Laptops targeted for students in the Indian education system.
 - Implemented download, installs, and updates within the App Store. Worked around Android's limitations to enable background installs after closing the application. Developed in Kotlin.
- [Shipsy](#) (Jun 2019 – Jun 2019): Worked on automated WhatsApp bots to update customers with latest tracking information.
 - Work done by automating the reply to messages on the WhatsApp Web page through Selenium in Python. Worked in a pair with another intern.

Projects

- [SpotiFriends](#): (Apr 2022 – Present): A free-to-use application for **iOS** devices to view your **Spotify Friend Listening Activity on-the-go**. Written purely in **SwiftUI**, with Widget support. JSON is read from the Spotify server while the SwiftUI views automatically refresh.
 - Available on the [App Store](#).
 - Covered on: **Top 200 Free Music Apps** on the Apple Store
 - **2,000 downloads in the first month**
- [LibreHunt](#) (Jun 2018 – Feb 2021): A website that displays a **curated** list of **Linux** Distributions as per the users' taste (**taking user input on the bottom of the page**). Created to simplify the process of switching to Linux from Windows or Mac. Initially written as a server-side project with Flask and Python, later rewritten as a client-side **JavaScript** page hosted on GitHub Pages.
 - Available on [LibreHunt.org](#)
 - Covered on: [Forbes](#) , [NovaSpirit Tech](#)
 - **84,000 sessions of the questionnaire/algorithm run in the past 5 years**
- [Organizer For Linux](#) (Jan 2019 – Mar 2019): A Linux GTK application created to simplify file management. Files in a directory are separated based on filetype, quickly tidying up crowded folders such as the Downloads folder. Written in Python with the GTK Python library for Gnome laptops, tablets, and Linux Phone support.
 - Available on [FlatHub, the Linux app store](#)
 - Covered on: [LinuxUprising](#)
 - **5,000 downloads in the past 4 years**

Education

- University of British Columbia (Sep 2021 - Present). Computer Science. Expected graduation 2025.
- Pathways School Gurgaon (Sep 2018 - Jun 2021).
- Harvard University, CS50 Online. Introduction to Computer Science. (January 2018 – October 2018)

Publication

- [GUADEC 2019: Lightning Talk about LibreHunt](#): Presented my project to an audience of senior Linux and Gnome developers. Was given feedback and encouragement.

Volunteer Experience

- Head of the Coding and Tech Club (August 2018 – November 2018)
 - o Taught middle school students the basic concepts of OOP through Python in my 10th grade.
 - o First two class slides: <https://github.com/aviwad/pythonclass>

Interests

- App Development
- Linux, Open Source Development, Python, Gnome
- Apple, Swift, iPhone Development

Languages

- English (fluent)
- Hindi (native)