

# Robby Horvath

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## EDUCATION

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### University of Pittsburgh

Aug. 2020 – Exp. May 2023

B.S. in Computer Science

GPA: 3.8/4.0

- Relevant Coursework: Data Structures and Algorithms, Intro. to Machine Learning, Intro. to Systems Software, Formal Methods in CS, Discrete Mathematics, Computer Organization and Assembly Language, Calculus 3, Intro to Linear Algebra, Physics 1, and Statistics.

## Projects

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### New Music Discord Bot

<https://git.io/JLR4G>

- Discord bot that checks for new music from added artists daily at both midnight and noon.
- Created using Discord API, Discord.js, Firebase database, and Spotify API. Hosted on Heroku.

### Culture Vultures

<https://git.io/JUmpJ>

- Android Instagram clone targeted for a niche online subculture.
- Implemented features including: user sign-in, upload photos, and user search querying.
- Front-end is built in Java and XML and backend in Java with the data hosted on Firebase.

### InstaSaver-CLI

<https://git.io/JnoeQ>

- Python command line interface used to download an individual user's Instagram 'saved photos' directly from Instagram servers in full resolution and bulk.
- Utilizes selenium webdriver for use with Firefox and Chrome based browsers.

## EXPERIENCE

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**Warehouse Worker** at LT Verrastro in Old Forge, PA

May 2021 – Present

**Server** at Arcaro & Genell in Old Forge, PA

June 2019 – March 2020

**Tenter** at Main Street Tent Rental in Scranton, PA

June 2017 – Aug. 2018

## SKILLS

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### Languages

- Java, JavaScript, Python, Fish and Bash Shell, MIPS Assembly, XML, and HTML/CSS.

### Technologies

- Git/GitHub, GNU/Linux, APIs, Vim, Full-Stack Android Development, Node.js, Notion, LaTeX, and Firebase.