

OLIVER HALBERG

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Skills

CODING/PROGRAMMING

- Java (Intermediate)
- Python (Intermediate)
- C/C++ (Beginner)
- HTML (Intermediate)
- CSS (Beginner/Intermediate)
- JavaScript (Intermediate)
- OCaml (Beginner/Intermediate)
- x86-64 Assembly (Beginner/Intermediate)
- SQL (Beginner)

COMPUTER/TECH

- Google Suite (Proficient)
- Adobe Photoshop (Experienced)
- Adobe Illustrator (Intermediate)
- Adobe InDesign (Experienced)
- Git (Intermediate)
- Unix Command Line (bash and zsh) (Intermediate)
- bash shell scripting (Beginner/Intermediate)
- Visual Studio Code (Intermediate)
- LaTeX (Beginner/Intermediate)
- MacOS (Experienced)
- Linux (Intermediate)
- Node.js (Beginner/Intermediate)
- npm (Beginner/Intermediate)
- Express.js (Beginner/Intermediate)
- Pug (Beginner/Intermediate)
- REST APIs (Beginner)
- SQLite (Beginner)
- Sequelize ORM (Beginner)
- React.js (Intermediate)
- React Router (Intermediate)
- Electron.js (Beginner/Intermediate)

LANGUAGES

- French (Conversant)

Education

Vassar College | Poughkeepsie, NY
Bachelor of Arts in Computer Science
Correlate (Minor) in French and Francophone Studies
Graduated with Departmental (Computer Science) and General Honors
GPA 3.95/4.00

May 2024

Featured Projects

- Initiative Tracker Tool: A text-based command-line tool to track initiative in the Dungeons and Dragons tabletop role-playing game, written in Java.
- Initiative Tracker (GUI version): A desktop application for tracking initiative in the Dungeons and Dragons tabletop role-playing game, written using React.js and Electron.js.
- Shape Quest (group project): An Android application written in Java for a course at Vassar College (Computer Science III: Software Design and Implementation) in Spring 2023.

Experience

Computer Science Department Coach

Vassar College, Poughkeepsie, NY
September 2022 - May 2024

- Coached computer science students on lab and homework assignments
- Organized and held regular office hours outside of the scheduled lab to assist students
- Coordinated with professors and other coaches

Moderator, Community Manager (Volunteer position)

Snifferish (Internet Content Creator)
December 2020 - Present

- Coordinated and worked with an international team of online moderators
- Monitored live chat on the content creator's Twitch channel (524k followers) and Discord server (13k members)
- Administered and monitored software bots to support moderator efforts

Volunteer

Pierson Library, Shelburne, VT
June 2022 - August 2022

- Assisted librarians with event preparation
- Designed and created signage advertising events
- Organized and retrieved library materials
- Assisted with inventory

Summer Camp Counselor

Champlain Valley Union High School, Hinesburg, VT
June 2017 - August 2019

- Organized and led activities relating to photography, graphic design, and engineering
- Coordinated with fellow counselors and camp staff to plan and implement activities
- Supervised groups of campers during and between activities