OLIVER HALBERG

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Skills

CODING
- 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)

LANGUAGES
- French (Conversant)

SOCIAL MEDIA
- Instagram (Experienced)
- Twitter/X (Experienced)

Education

Vassar College | Poughkeepsie, NY   May 2024
Bachelor of Arts in Computer Science
Correlate in French and Francophone Studies
Graduated with Departmental and General Honors
GPA 3.95/4.00

Relevant Coursework

Computer Science I: Problem Solving and Abstraction, Computer Science II: Data Structures and Algorithms, Foundations of Computer Science, Computer Organization, Theory of Computation, Computer Science III: Software Design and Implementation, Analysis of Algorithms, Operating Systems, Bioinformatics, Compilers, Computational Linguistics

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
- Shape Quest (group project): A fully functional Android application written in Java for a college course (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 (530k 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