

Jesse L. Evers
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EXPERIENCE

Roundabout Books. June 2020–present. Consultant.

Working closely with business owner to create a custom inventory and fulfillment system that syncs with major book-selling marketplaces such as Amazon, eBay, and others. Written in PHP. Features include:

- Automatically creating Amazon listings in multiple continents via the Amazon MWS API
- Retrieving orders in a standardized format from all marketplaces and storing for further processing
- Frequently updating listing prices to match marketplace conditions
- Integrating with shipping and logistics providers to ensure on-time shipment and delivery

TomTom. April–July 2019, February–June 2020. Consultant.

Worked with a global team to build a platform for sourcing map data updates in real time. Led development of the API (primarily in Python/Django), tying together components built separately by teams from multiple countries. Also implemented quality control and testing standards.

Developed an API around a task queue (using Django and Redis) to encapsulate a complex GIS data comparison program. Converted the program from a multi-step, failure-prone command line application to a single-step, reliable process interfaced via a website.

Adventure Rider. December 2018–present. Consultant.

Work on a wide range of projects. Examples:

- Created a program to scrape, optimize, and rehost 2+ million missing images, making 90% of the missing images visible again
- Created a XenForo plugin to help increase signal-to-noise ratio in forum threads
- Currently designing and implementing a database that makes ADVrider's thousands of user-submitted GPX tracks searchable and filterable

Renoviso/HireHaven. April 2018–November 2019. Consultant.

Supported the redesign of the company's React frontend, and made contributions to the Node.js/PostgreSQL backend. Later worked with HireHaven's updated GraphQL backend to power real-time SMS-based communications between the ops team and customers, all in the browser.

Photobucket Fix Browser Extension. September 2017–May 2019.

Created a Google Chrome and Firefox browser extension to make ransomed Photobucket images visible to the user. There were over 25,000 users across both platforms.

Various other roles. 2013–2018. Can discuss further upon request.

PROGRAMMING

- Gradually creating a basic (virtualized) computer from the ground up, with guidance from nand2tetris.org. Writing all related code in C—for example, see handwritten assembler [here](#).
- Experienced with: Bash, C, CSS, HTML, Java, Javascript (Node.js/React/GraphQL), MySQL, Perl, PostgreSQL, Python (Django, Flask).
- Very comfortable with Linux and command line usage. I use Ubuntu as my daily driver, and have configured and deployed many applications on Linux-based webservers.

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EDUCATION

Northeastern University, Boston MA, September 2018–April 2019. GPA 3.9, five semesters of credit.
Decided to pursue work and learning opportunities independently.

OTHER ACTIVITIES

- Climate change activist. Member of the [Sunrise Movement](#), creating internal software and spreading awareness. Contributed to Fight for the Future's [digital climate strike](#), used by over 10,000 sites.
- Avid outdoors-person (backpacking, rock climbing, etc.) and hands-on tinkerer.
- Bought a broken '79 Honda motorcycle, taught myself to fix it, and rode it across the USA solo, twice.