

# BOHDAN PECHENYAK

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**GitHub:** <https://github.com/BohdiCave> | **Portfolio:** <https://bohdicave.github.io>

## SUMMARY

Full Stack Web Developer with a background in Sociology and Social Work, with a life-long dedication to learning. Committed to combining creativity and problem solving and developing accessible, responsive, user-friendly web applications. Known for good humor and wit, attention to detail, and willingness to take on new challenges and complex projects.

## TECHNICAL SKILLS

**Languages:** HTML5, CSS3, JavaScript, jQuery, PHP, MySQL, **Stacks:** MERN, xAMPP, **Databases:** MySQL, MongoDB, **Server-side:** Node.js, Express.js, Handlebars.js, Sequelize.js, Passport.js, **Client-side:** React.js, Redux.js, Chart.js, Bootstrap CSS, Milligram.io CSS, Foundation CSS, UI Kit CSS, **Dev Tools:** Git, GitHub, Heroku, agile, kanban.

## PROJECTS

### LOST HORSE PRESS

A project of revamping and upgrading a nonprofit independent publisher's website to resolve existing issues and expand its functionality. Responsibilities include refactoring both the frontend presentation code and the backend data processing and page generation code. Current site is in WordPress (xAMPP stack), the new version is built using React/Redux (MERN stack). The project is long-term and ongoing.

**Github:** <https://github.com/BohdiCave/lost-horse-press>

**Heroku-deployed:** <https://young-chamber-12240.herokuapp.com/>

### WRAPPI

Worked on a team of three to develop a gift-suggestions MERN app. Responsibilities included designing and building the app database using MySQL with Sequelize.js (for Node.js server), integrating data obtained from third-party APIs, connecting to Express-Handlebars.js and rendering data in HTML. In the future, the app could be

expanded to provide more customized results based on characteristics of the person for whom the gift is intended.

**Github:** <https://github.com/BohdiCave/WrappIt> (forked from /bryu0116/WrappIt)

**Heroku-deployed:** <https://intense-falls-86763.herokuapp.com/>

## **StockUp**

Worked on a team of four to develop a frontend investment information app for beginners. Responsibilities included using agile development principles to create effective UI/UX and integrate the API data in a single-page app that provides up-to-date financial information for beginner investors looking to enter the market. In the future, the app could be streamlined and expanded, with further functionality added to guide a user through the next steps in the investment process.

**Github:** <https://github.com/BohdiCave/StockUp>

**Github Pages-deployed:** <https://bohdicave.github.io/StockUp>

## **EXPERIENCE**

### **RESEARCH SPECIALIST**

2016 - 2021

Temple University Lewis Katz School of Medicine, Philadelphia, PA

Coordinated all aspects of the research project under the supervision of the Principal Investigator and Project Manager. Responsibilities included subject recruitment and retention for the clinical cohort studies; participant enrollment; collection, documentation, input and reporting of study data; maintenance of research logs and databases. Also responsible for maintaining regulatory compliance, preparing IRB submissions and maintaining IRB communications.

### **SAT AND MCAT INSTRUCTOR**

2015 - 2016

Kaplan Test Prep, Philadelphia, PA

Provided instruction to SAT and subsequently to MCAT students to assist them in preparing for the corresponding standardized tests.

### **FOUNDING MEMBER, BOARD OF DIRECTORS**

2014 - 2016

2014-15 - Razom for Ukraine, NGO ([razomforukraine.org/](http://razomforukraine.org/))

2015-16 - VOLYA Institute for Contemporary Law and Society ([volyaistitute.org](http://volyaistitute.org))

In the wake of 2013-2014 EuroMaidan protests in Ukraine, which came to be known as the “Revolution of Dignity”, participated in the surge of activist efforts to assist Ukraine in building a more democratic society. NGO "Razom" (“together” in Ukrainian) was created on the basis of Euromaidan activist groups based in New York City, Philadelphia and Washington, D.C. areas, whose mission was to support the people of Ukraine in their pursuit of a democratic society with dignity, justice, and civil rights for all. Subsequently, moved on to found a startup analytical center “VOLYA” (“freedom” in Ukrainian), aiming to help Ukraine generate and promote intellectual leadership in the field of civil society, human rights, and the rule of law through research, dialogue, civic engagement, and practical solutions.

## **CUSTOMER RELATIONS**

2011 - 2014

Kibow Biotech, Newtown Square, PA

Worked in a startup biotechnology company, addressing customers’ inquiries and concerns, maintaining the customer database and the sales statistics, and editing the blog “Voices@Kibow”. As part of the marketing team, helped develop strategy to increase sales and reach the target patient population. As part of a clinical study operations team, helped monitor, audit, and provide administrative support to the clinical trial staff at partner medical institutions. Primary responsibilities in-house included data entry and analysis, and scientific article writing.

## **EDUCATION**

### **BOOTCAMP CERTIFICATE IN FULL-STACK WEB DEVELOPMENT**

2020 - 2021

University of Pennsylvania, Philadelphia, PA

An intensive 24-week-long full-stack coding course dedicated to designing and building web applications using the MERN stack of technologies. **Skills learned:** HTML5, CSS3 (frameworks: Bootstrap, Milligram, Foundation, UI Kit), JavaScript, jQuery, MERN stack (MongoDB/MySQL, Express.js, React.js, Node.js/npm), other JS libraries and frameworks (including Express-Handlebars, Redux/React-Redux, Chart.js, Passport.js). **Production environments used:** GitHub Pages, Heroku.

### **MASTER OF SOCIAL WORK / MASTER OF PUBLIC HEALTH**

Diploma, 2011

Temple University, Philadelphia, PA

A 3-year dual-degree program focusing on social work in the public health setting. The curriculum included a historical overview of the U.S. social policy development, with particular focus on health and mental health policy; practical aspects of direct, community organization, and policy-based social work practice; program planning and evaluation principles; biopsychosocial bases of human behavior in the social environment. Particular interests included international health and immigration policies.

**BACHELOR OF ARTS, SOCIOLOGY, ANTHROPOLOGY, AND CRIMINAL STUDIES**      Diploma, 2007  
Arcadia University, Glenside, PA

The interdisciplinary curriculum focused on the issues of social inequality, social movements, power and cultural conflict, and social change. Minor in International Studies.

## **ADDITIONAL INTERESTS AND HOBBIES**

### **CREATIVE WRITING**

I am a bilingual writer (Ukrainian and English) of poetry, creative fiction, and essays. I continue pursuing independent scholarship in several areas of humanities, as well as of natural and social sciences.

Details: <https://bohdicave.github.io/interests>

### **GENERAL:**

Arts, Photography, Travel, Outdoors (hiking, skiing, camping, kayaking, rock climbing), Ecology

### **CODING-RELATED:**

Data Science, Data Visualization and mapping (GIS), Cybersecurity  
Intersection of code and poetry, of mathematics and the arts.