

# Vlad Berka

## ASPIRING SOFTWARE DEVELOPER

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github.com/vlad-berka

## EDUCATION

**University of Washington (Aug. 2022)**

Full Stack Coding Bootcamp

**University of Houston**

Master of Science (Civil Engineering)

Bachelor of Science (Civil Engineering)

The Honors College

## PROFESSIONAL SKILLSET

### LANGUAGES:

HTML, CSS, JavaScript, MATLAB

### TOOLS:

jQuery, Bootstrap, Foundation

### SKILLS IN PROGRESS:

MongoDB, Express.JS, React.JS

Node.JS, MySQL, NoSQL, Typescript

Python

## ABOUT ME

Structural Engineer turned software developer. With a strong math background and an unsatiable interest in puzzles, I strive to work on solving complex logic puzzles with a focus on software development. My current background includes soft skills specific to conveying highly technical information to non-technical individuals, but also a growing foundation in web development.

Upon completion of a full-stack web development bootcamp, my goal is to work on projects that nurture my interest in problem solving while growing as an entry level software engineer. Web development is primarily my springboard into a software career, but not my only aspiration.

## SOFTWARE EXPERIENCE

### PERSONAL PROJECTS:

**Magic the Gathering Scorekeeper and Catalog (in Develop.)**  
(HTML, CSS, JavaScript, Bootstrap Framework)

A web app that allows users to store their personal CEDH game history that is shareable and comparable among friends. Goal is to provide and analyze game statistics (basic win loss, projected win loss, etc.) in real time among a variety of decks and win conditions. Top performing decks will be showcased and viewable. API fetches are performed to an MTG database for card images. Future development includes a phone app to access the same database.

**Backend development in progress.**

### COMPLETED CODE PROJECTS:

**Personal Portfolio (HTML, CSS, JavaScript)**

Simple web app to showcase completed projects, personal information, and recent software successes. Actively adding completed projects and exercises.

**Random Password Generator (HTML, JavaScript)**

Simple JavaScript to randomly generate a password.

**Weather Dashboard (HTML, CSS, JavaScript)**

Simple web app to display the current and weekly forecast for a user selected city. Utilizes an API fetch for weather.

**Translate Application (HTML, CSS, JavaScript)**

Web app to prompt a user for an input sentence and translate. Utilizes the Google Translate API.

### PROFESSIONAL EXPERIENCE:

**PROJECT ENGINEER (Struc. Engineering)** // May 2018 – Current  
**Swenson Say Faget (Seattle, WA)**

Licensed Professional Engineer

**STAFF ENGINEER (Struc. Engineering)** // May 2018 – Jan 2020  
**Swenson Say Faget (Seattle, WA)**

**ENG. IN TRAINING (Struct. Engineering)** // Apr 2014 – May 2018  
**Insight Structures, Inc. (Houston, TX)**

**ARCH. ENGINEERING INTERN** // May 2013 – Apr 2014  
**Building Exterior Solutions, LLC (Houston, TX)**

**LEGAL INTERN** // Dec. 2011 – May 2013  
**The Mastriani Law Firm (Houston, TX)**