

ISAAC GROSSBERG

Software Engineer

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EXPERIENCE

Web Developer

Concept Systems

📅 May 2022 – Present

📍 Lake Oswego, OR

- Worked alongside one other developer to produce a Laboratory Information Management System
- Designed the database for the project utilizing an Entity Relationship Diagram
- Created the foundation of the server-side user management system utilizing Laravel + Eloquent ORM to develop model tables and relationships
- Implemented full-stack functionality for user registration, account management, email verification, file upload, data modification, and more
- Developed CRUD endpoints with authorization, validation, and error handling
- Designed and developed the permissions system for an application including dynamic UI and backend gating for API endpoints

Electrical Engineer I

SSOE Group

📅 Jun 2020 – Dec 2021

📍 Hillsboro, OR

- Designed construction documents according to industry CAD standards using Revit by Autodesk
- Collaborated with professionals in a variety of disciplines to produce safe and effective designs
- Managed a workload of rotating packages according to dynamic and fast-paced deadlines
- Adhered to strict electrical code requirements based on the National Electrical Code: NFPA70
- Voluntarily performed QA checks on others' packages
- Created documentation for existing Revit add-on written in C#

RELEVANT KNOWLEDGE

- Object Oriented Programming
- Asynchronous Javascript, Axios, HTTP requests
- Data structures including linked-lists, skip-lists, hash tables, and binary search trees
- UI Design principles
- Database design with Eloquent ORM and MySQL
- Time management within multiple projects and dynamic deadlines
- Importance of releasing negativity and embracing positivity on life circumstances

EDUCATION

B.S. Electrical & Computer Engineering

Oregon State University - GPA 3.95 / Summa Cum Laude

📅 2016 – 2020

📍 Corvallis, OR

OBJECTIVE

Gain exposure to industry standards and new technologies in the web development space while creating beautiful and functional projects.

SKILLS

Javascript - 9/10

React - 7/10

CSS - 7/10

HTML - 7/10

PHP - 7/10

Laravel - 7/10

Git - 6/10

SQL - 4/10

C/C++ - 4/10

Excel VBA - 3/10

Bash - 3/10

CERTIFICATIONS

Build Responsive Real-World Websites with HTML & CSS

Udemy.com

📅 Jan 2022

The Complete JavaScript Course 2022

Udemy.com

📅 Mar 2022

React – The Complete Guide

Udemy.com

📅 Apr 2022

RECOGNITION / HONORS

- Eta Kappa Nu (Member) - Electrical and Computer Engineering Honors Society (Pi chapter - OSU)
- Tau Beta Pi (Member) - Engineering Honors Society (Alpha chapter - OSU)
- OSU Dean's List - Fall 2019, Winter 2019, Spring 2019, Winter 2020