

Bryan Hoffman

I'm a full-stack developer and designer that thrives while being part of small to medium-sized teams that value communication and lifelong-learning. Hiking in pajamas is my favorite thing.

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EXPERIENCE

EZlocal, Lombard, IL — *Web Designer & Developer*

MARCH 2018 - PRESENT

I operate as part of a small team managing over 500 businesses' websites. My duties include building new sites, maintaining existing sites and responding to issues. Of my own volition, I developed a BASH program to issue and deploy SSL certificates to our applications using the Let's Encrypt API.

Various NPOs, Remote — *Web & Graphic Designer, Freelancer*

2015 - PRESENT

Collaborated with the not-for-profits Joliet Cares, Lemons of Love, and Dear Calvin Project to build their online presences and develop in-house tools. As an acting member of the Lemons of Love Junior Board, I assist in organizing and promoting fundraising events.

University of Illinois, Champaign, IL — *Web Developer and Computational Physics Fellow*

2014 - 2015

My first assignment as a member of the Ertekin Research Group was building our website. After securing a grant for myself, I worked under Dr. Elif Ertekin using ab-initio, quantum simulation methods (DFT) to study defect-property relations in next-generation solar materials utilizing the on-campus supercomputer Blue Waters.

EDUCATION

University of Illinois, Champaign, IL — *Did Not Complete Degree*

2013 - 2015, 2017, Present (I'm technically still a student!)

I'm in no rush to get a degree. I've completed graduate level courses in both Engineering Mechanics and Mathematics. I've secured an indefinite leave of absence, which means I retain student status. I view my self-directed learning as more relevant, and vastly more important than any institutional learning I've done.

SKILLS

Advanced Linux user (Very comfortable with CLI, SSH, Bash, &c.)

LAMP stack and HTML, CSS, JS, PHP

Recreational programming and Mathematics

Familiar with low-level languages like C/C++, with some minimal micro-controller experience

Experience using frameworks and web development stacks (e.g. Laravel, Django, the MEAN stack)

Database experience with MongoDB and MySQL

Very comfortable designing with WordPress

AWARDS

Tau Beta Pi attained top 12.5% standing in Junior class in first semester

Illinois ME Scholarship

Engineering Scholarship Endowment

William L. Fourney Scholarship