TROWBRIDGE (TOBY) WEED

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INDEPENDENT PROJECTS

LIVE EVENT MARKET | POC web application to connect brands, event promoters, and talent | *Contracted by First Tube Media*
SPA written with React, Redux, and axios. API written using Python Flask w/ a PostgreSQL database via a SQLAlchemy ORM layer. Auth was handled using a mostly homespun JWT system, complete with refresh token functionality and identity support. Hosted on Heroku. I participated as lead developer. Project team included one other student intern. Project was successful because it was modular, clean and scalable enough to be handed off to another development team at the end of the internship in order to be adapted for production. Source at: https://github.com/tobyweed/live-event-market

JULIAJENSENSTUDIO.COM | Artist portfolio site w/ homebrewed CMS | *Contracted by painter Julia Jensen*
Written for a paying client using Node.js, Express.js, HTML5/CSS3, and Bootstrap. Deployed on Heroku with a MongoDB database on mLab and file storage on Cloudinary. Available at: http://www.juliajensenstudio.com/

DEADLINE RADAR | Clean & Simple Deadline Tracking | *Hackathon Project*
Written using React.js & Python Flask. I server as project lead with 3 novice developers. The goal of the project was to make something functional while teaching the other students the basics of working with React, as well as web development/Git workflows and non-integrated development environments. We were successful in getting each dev a solid foundation in React, but fully successful in establishing good Git and development workflows with one. Source available at: https://github.com/tobyweed/deadline_radar_client

OTHER EXPERIENCE

SOFTWARE PRODUCT DEVELOPMENT INTERNSHIP | First Tube Media | April 2018-July 2018.
Worked in a team of two to build a POC web app for First Tube Media. Details listed above under Live Event Market. Remote.

INDEPENDENT WEB DEVELOPMENT CONTRACTING & OPEN SOURCE CONTRIBUTIONS | September 2017-Present.
Built web apps, including professional portfolios and personal sites for paying clients, including juliajensenstudio.com. Contributed to an Ethereum-based set of DApps (written in Solidity) for Kleros.

HACKUMASS | 36 Hr Hackathon | October 13-14, 2018.
Lead a group of 4 Middlebury college students in a hackathon at UMass Amherst. Created a deadline tracker web app with React and Python Flask and taught other students the basics of working with React

SKILLS

TECHNICAL

★	★ ★	★ ★ ★
Redux, Bootstrap, MySQL, MongoDB Solidity, JWT auth	Java, JQuery, Node.js, Express.js, CSS3, HTML5	JavaScript, Python, Flask, React.js, Heroku, axios

NONTECHNICAL

Product Management, Design, Writing, Communication, Conversant Spanish.

EDUCATION

MIDDLEBURY COLLEGE | CLASS OF 2022. Middlebury, Vermont.
Undeclared major, trending towards Computer Science or Independent Scholarship in Mechanism Design in Information Technology.

NORTHFIELD MOUNT HERMON | CLASS OF 2017. Gill, Massachusetts. Fall 2013-Spring 2017. GPA 3.8.
LEADERSHIP | Debate team officer, Nordic ski team captain, school newspaper copy editor, opinions editor.
HONORS | Cum Laude society, Lila and DeWitt Wallace Writing award.
VARSITY SPORTS | Nordic skiing, crew, lacrosse, track.

NATIONAL OUTDOOR LEADERSHIP SCHOOL | WIND RIVER WILDERNESS BACKPACKING EXPEDITION. Wind River Range, Wyoming. July–August, 2016.
Developed risk management, conflict resolution, leadership in uncertainty, communication, teamwork, self-reliance, and outdoors skills on a 28-day wilderness expedition in the remote reaches of the rocky mountains.

RELEVANT COURSES | HIGH SCHOOL AND COLLEGE | 2013-2018
NORTHFIELD MOUNT HERMON | Intro to programming in Java, AP Computer Science.
MIDDLEBURY COLLEGE | CSCI 201: Data Structures
BRILLIANT.ORG | Computer Memory, Computer Science Fundamentals, Computer Science Algorithms.

THE WEB DEVELOPER BOOTCAMP | 48 Hr Video Course | *Udemy*
Gained in-depth experience with fullstack web development using Node.js, Express.js, HTML5/CSS3, Bootstrap, and other technologies.