Kevin Kelbach

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github.com/Kelbach | linkedin.com/in/kevinkelbach

Reliable Data Analyst with leadership responsibilities and directives. Highly proficient in data acquisitions and collaborating within a team environment to hit year-end goals. Adept at communicating complex topics accurately and articulately presenting research findings to a wide audience. Well-versed in mathematics, problem solving, and data analysis.

TECHNICAL SKILLS

- Frontend: HTML5, CSS, JQuery, Javascript, Bootstrap, AJAX
- Backend: MySQL, MongoDB, Express, ReactJS, Node, Handlebars,, Webpack

PROJECTS

VAPOR | Repo | Deployed App
- A MERN application to connect users through a passion for video games.
- Meant to be a single page app geared towards user-user interactivity (forum). My responsibility was front-end API calls and minor styling / REACT design.
- Tools/Languages: ReactJS, MongoDB, CSS, AJAX, Axios

BUDGET BUDDY | Repo | Deployed App
- An application to help the user keep track of a monthly budget.
- Meant to be a server side generated app that keeps track of user data. My responsibility was writing the back-end for data management (server, models, routes, dotenv, auth).
- Tools/Languages: SQL, Handlebars, Bootstrap, Node, Express, Anime.js, Chart.js

MELODY NOMAD | Repo | Deployed App
- An introductory student project utilizing two API calls to external sources.
- Meant to connect users to concert tickets and flights to the shows. My responsibility was writing the API call for the information on tickets as well as creating a footer that saved clicked tickets.
- Tools/Languages: Javascript, HTML, CSS

WORK EXPERIENCE

RESEARCH EXPERIENCE

Undergraduate Research Assistant The University of Toledo, OH   2013 - 2013
Department of Physics under Dr. Al Compaan
- Characterized oxygen emission lines in a sputter plasma using optical emission spectroscopy. Learned spectroscopy techniques in 4 weeks. Discovered an inverse relationship between oxygen content and conductivity of photovoltaic materials over the course of 6 weeks.

2012 – 2013

Undergraduate Research Assistant The University of Toledo, OH
Department of Physics under Dr. Rick Irving
- Ran experiments using Toledo Heavy Ion Accelerator (THIA) to quantify the lifetime decay of ionized lead through a thin carbon film via beamfoil spectroscopy. Practiced use of various electronics in research on the nature of plasma.

<u>AUDIO EXPERIENCE</u>

Sound Guy   2018-2020
Kulture Kids / Cleveland Metro School Districts
- Ran sound as part of a student art showcase on various occasions throughout the school year. Required thinking on the fly, depending on whatever gear the school would have on hand. Proficient with DAWs, audio processors and mixing.

<u>TEACHING EXPERIENCE</u>

Adjunct Professor   2016 -2016
Lorain County Community College, Division of Science and Mathematics 440.366.4022
- Taught Astronomy 151: Stars, Galaxies, and Cosmology

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Professional Tutor
Lorain County Community College, Academic Support Center 440.366.4057
- Taught Mathematics, Physics, and Astronomy

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Professional Tutor
Cuyahoga County Community College, Learning Commons 216.987.6000
- Taught Math Success Seminar, Mathematics, and Physics

EDUCATION

Bootcamp Certificate: Case Western Reserve University, Cleveland, OH
A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.

Bachelor of Science in Physics Concentration: Astrophysics: The University of Toledo

Associate of Applied Science in Recording Arts and Technology : Cuyahoga Community College