

Jonathan Linch

Projects

HomePT | React, Express.js, Node.js, Mongoose, MongoDB, Materialize

- ⌘ Created an online portal allowing Physical Therapists to “prescribe” workouts and collect patient feedback.
- ⌘ Makes use of Mongoose and Express to manage backend data requests and React to handle frontend rendering.

WISI | HTML, CSS, Bootstrap, Node.js, Express.js, SQL, PostgreSQL, Google Maps API

- ⌘ Built a Node Express app allowing wildlife scientists to collect land use and wildlife sightings from outdoor recreationists.
- ⌘ Added Google maps interaction to allow for more accurate location data collection

Productivity | React Native

- ⌘ Developed a productivity timer using the pomodoro philosophy towards productivity.
- ⌘ Timer uses React Native to create a native mobile app for both Android and iOS.

Relevant Experience

General Assembly | Web Development Immersive | Jul 2018 - Oct 2018

- ⌘ Developed several full stack applications using a variety of languages.
- ⌘ Collaboratively lead and contributed to several successful group projects, one of which is being developed for potential production use.
- ⌘ Mastered the art of learning quickly and efficiently while developing skills in over 15 web technologies in less than 3 months.

TAF@Saghalie Middle School | Science Teacher | Aug 2017 - Jun 2018

- ⌘ Designed and implemented project-based science curriculum for 7th grade earth and space science.
- ⌘ Managed student timelines in the layout and completion of individual scientific inquiries which were presented at a school wide STEM expo with 100% participation.
- ⌘ Worked collaboratively with team of teachers to improve student reading scores from an average of third grade to an average of sixth grade.

Sussex School | Middle School Science Teacher | Aug 2013 - Jun 2017

- ⌘ Worked closely with students and parents to establish goals for academic success.
- ⌘ Independently developed and maintained middle school wide science curriculum.
- ⌘ Organized and managed a school-wide transition to Google Apps for education.
- ⌘ Established a school wide science and engineering fair to promote individual scientific interests of students.

Additional Experience

Various Research Projects | Wildlife Research Technician | Jun 2005- Aug 2013

- ⌘ Research agencies include: Yellowstone National Park, University of Montana, US Forest Service, Arizona Game and Fish Department.
- ⌘ Lead research projects collecting multiple data types from a variety of wildlife species including wolves, grizzly bear, pronghorn, spotted owls and bald eagles.
- ⌘ Organized field logistics for multi-day (5-10 days) expeditions including plans for access to field sites and navigation for off-trail entrance/exit.

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Technical Skills

Front End

HTML, CSS, Bootstrap, Materialize, Javascript, jQuery, React, React Native

Back End

Node.js, Express.js, Sequelize, Mongoose, Python, Django

Database

SQL, PostgreSQL, MongoDB

Version Control

Git, GitHub

Education

2018 - General Assembly

- Web Development Immersive Certificate of Completion

2011 - University of Montana

- B.A. Biology with emphasis in education
- Secondary (6-12) Education Certification

2009 - University of Montana

- B.S. Wildlife Biology