

TAYLOR ARMSTRONG

Software Engineer | taylorarmstrong.surge.sh

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 /TaylorArmstrong 203.613.3326 | Boulder, CO

Tenacious software engineer with a passion for efficient code, responsive design and problem-solving.
My goal is to help companies build and develop software platforms that provide reliable user experiences.

TECHNOLOGIES

PROFICIENT:

- JavaScript
- HTML
- CSS
- React
- jQuery
- AJAX
- Node.js
- Express.js
- PostgreSQL
- API Integration
- TDD
- UI/UX Design
- React Native
- Vue
- Agile

INTERMEDIATE:

- Angular
- Python
- Java
- PHP
- MySQL
- Ruby on Rails

RECENT PROJECTS

VolTrack

<https://voltrack.herokuapp.com>

App Login: 1234

App designed to track volunteer shifts and contact supervisors for local business, TRU thrift store. Tracks hours worked, miles driven, and displays schedule.

Node.js, Express, Knex.js, PostgreSQL, Bootstrap, JavaScript, HTML5

React Inbox

<https://github.com/TaylorArmstrong/react-inbox>

App allowing individuals to write, read, favorite, select, label and delete personal messages.

React, Bootstrap, Knex.js, PostgreSQL, RESTful design, JavaScript, CSS, HTML

HikingInTheRain

<http://hikingintherain.surge.sh/>

App to search nearby hikes for current weather conditions. Will provide alternative search options for events nearby if no hikes match your search criteria.

Materialize, JavaScript, HTML5, CSS3, Axios

WORK EXPERIENCE

University of Colorado - Boulder

Lead Professional Research Assistant & Phlebotomist | Boulder, CO 2017—2018

- Organized and analyzed data for accuracy and design efficacy.
- Hardware and software installation and maintenance.
- Daily scheduling, organization and management of mobile lab appointments.
- Managed the training of six new hires.
- Qualtrics, Matlab, SPSS, REDCap, Mendeley, Slack, server diagnostics, E-Prime, NIH Toolbox & LPS/Cytokine/Endocannabinoid assays.

Pitney Bowes

Engineering, paid internship | Danbury, CT 2010

- Construction and assembly of mechanical, optical and electrical components from blueprints.
- Designed and documented construction manual to enable assembly outsourcing.
- Compiled cost, reliability, and maintenance projections.

Freelance Computer Technician

Computer Hardware and Software Specialist | Boulder, CO 2015—2018

- Installation and troubleshooting of computer hardware and software
- Tech support for personal computers.
- Design and installation of home networks for sharing, streaming, backing up and printing files.
- Ensuring reliability of private network for desired workload.

Sama Dubai, div. of Dubai Holdings

Engineering Internship | Dubai, UAE Summer 2008

- Designed project boards to portray progress of 4 different building designs and themes with Adobe.
- Generated projections of expenses for ongoing projects between the years of 2006—2021.

VOLUNTEER

Porter Chester Institute

Stratford, CT | Oct. 2006—May 2007

Designed model ski resort housing unit, utilizing CADD and structural integrity calculations. Final CADD presentation delivered at Fairfield University.

Children's World Health Organization

Puerto Escondido, Mexico | Summer 2006

Volunteered in a children's health clinic helping with the non-surgical needs and the sanitation concerns of a rural environment.

Volunteer Fire and EMT

Town of Redding, CT | 1996—2010

Extricated people from cars, rivers; stabilized victims at accident scenes; assisted in emergency room admissions of critically injured patients. Maintenance and restocking of emergency vehicles, as well as weekly training for emergency scenarios.

EDUCATION

Galvanize

Web Development Immersive

Colorado University, Boulder

Bachelor of Science - Integrative Physiology
Additional Focus: Pre-Med & Engineering

CERTIFICATIONS

Emergency Medical Technician (EMT) | 2012

CPR | 2015

Outdoor Emergency Care | 2012

Phlebotomy | 2017