

Brian Huntsman Long

Resume Summary

Personable and diligent, I am seeking a position to blend my passion for physics with my love for computer science. While these fields approach problem-solving in different ways, I am able to use my experience from both fields to find solutions from a unique perspective. A busy college schedule fostered my strong time management skills while enriching me with valuable leadership experiences. Adding in my love for triathlons and I have the determination to exhaust all possibilities.

Projects

Fithub

- Mobile workout app to track weightlifting routines and view other user’s routines
- Team project using the Scrum framework to emulate the workforce environment
- Written in React Native with a Node.js server and a MongoDB backend

FoodToRecipe

- Recipe search web app designed to find recipes for the food already found around the house
- Team project using the Scrum framework
- Written in React with Firebase hosting and database

Custom Shell

- Command line interpreter for Linux
- Written in C++

Leadership Experience

Triathlon Club, Swim Captain

Fall 2017 - Spring 2020

- Served as a member of the executive board to help make logistical decisions for the club
- Wrote swim workouts and led practices three times a week to improve members’ swimming skills

Phi Delta Theta, Philanthropy Chair and Risk Manager

Spring 2018—Spring 2019

- Organized a fundraiser event for the Hypertrophic Cardiomyopathy Association and provided fraternal members with community service opportunities
- Educated and enforced risk management policies

Boiler Gold Rush, Team Leader and Team Supervisor

Spring 2017—Fall 2018

- Assisted incoming students adjusting to campus during a week long orientation program
- Mentored 11 Team Leaders through trainings to prepare them for the week of orientation

Education

Physics and Computer Science

Purdue University

May, 2020

Skills

Relevant Coursework

Data Structures and Algorithms
Computer Architecture
Systems Programming
Operating Systems
Information Systems
Network Systems
Software Engineering
Computational Physics

Languages

C	•	•	•
C++	•	•	•
Java	•	•	•
JavaScript	•	•	
HTML/CSS	•	•	
Python	•		
MatLab	•		

Life Philosophy

“I would rather have questions that can’t be answered than answers that can’t be questioned.”

-Richard Feynman

Contact Information

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