

Brandon F. Aguirre

Computer Science Major

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Denver, CO

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727.804.6196

Proficient in: C++ and Python

Experience with: R, JavaScript, PHP, SQL, Ruby, and Bash

Work Experience

Funded Undergraduate Research (BSI - Biological Sciences Initiative)

Integrative Physiology of Aging Laboratory at CU Boulder

05.2016 – Current

I applied and was granted funding by the BSI program to conduct research in the Integrative Physiology of Aging Laboratory (IPA Lab). As a BSI Scholar working in the IPA Laboratory, I create organized and reusable code for an ongoing longitudinal study on the plasma matabalome and it's correlations with physiological function decline with aging. Other duties I perform consist of reworking and documenting previously written code. Technologies and programming languages I use in the lab consist of R and RStudio, Python and Jupyter Notebook, and git and github.

Course Assistant

University of Colorado at Boulder – Computer Science 1 (1300)

08.2016 – 12.2016

As a course assistant, my main duties were to help students with their homework, recitation work, projects, as well as studying for their exams. Helping students to understand the material requires communicating the fundamentals of computer science in a clear and concise manner. I hosted open help hours for students that generally consist of two to fifteen students at a time. This means I had to work efficiently to answer questions and relate concepts to multiple students at once.

Recovery Specialist/Media Content Creator

Novara Fitness, Golden CO

08.2014 – 11.2014

Hired as the first employee at a startup company called Novera Fitness. I completed media projects assigned by the business owner such as creating informational videos and managing their fitness blog. Acted as liaison with local business owners to create relationships. Certified as a Cryotherapist by CryoUSA. Facilitated whole body cryotherapy sessions.

Education

B.S. Computer Science, Expected May 2018 (GPA 3.4)

Principles of Programming languages, Algorithms, Discrete Math, Data Structures, + more.

A.A. University of South Florida, 2013

Focused in biology – completed; Biology 1 & 2, Gen Chemistry 1 & 2, Anat & Phys 1 & 2.

National Academy of Sports Medicine

Certified Personal Trainer

References

Available upon request.