

Branton Demoss

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About

Physics and mathematics student who likes computers, coffee, and bicycles.

Experience

RESEARCHER, HIGH ENERGY PHYSICS GROUP; CU BOULDER – MAY 2015-MAY 2016

Simulating neutrino experiments in partnership with Fermilab. Turning new geometry into usable code, now used worldwide. Dealing with scientists. Published results.

DJ; RADIO1190 – MAY 2015-PRESENT

The Intentional Listener: My co-host and I get you to think about musical and lyrical structure by exploring a unique topic through music each week. Also hopefully make you laugh.

ASSISTANT, MUSEUM OF NATURAL HISTORY; CU BOULDER – AUG 2014-MAY 2016

Communicating science and natural history to the public, especially families. Outreach (schools, farmer's market, science events, etc...) Designed educational activities.

INTERN; GMO FREE BOULDER – 2012-2013

Web design. Community outreach. Miscellaneous menial tasks.

Education

University of Colorado Boulder - Physics & Mathematics (Aug 2014 - May 2018)

University of Oxford - Mathematics & Theoretical Physics (Oct 2016 - June 2017)

Skills

Programming (C++, Java, Node.js, *nix scripting); Being friendly; Web design; Doing science; Mandarin; Ability to learn new things; Bicycle maintenance; Cooking the perfect fried egg.

References

Cathy Regan, PhD; Education Coordinator @ Museum of Natural History:
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Rochelle Ravishankara, MD; Physician @ Exempla Saint Joseph Hospital:
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