

JACK BECKER

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PROFESSIONAL OVERVIEW

My professional background consists of Data Entry for Cofactor Digital, positions as a Teaching Assistant and Security Monitor at the University of Minnesota, a security position with a service industry establishment, and freelance web development. I study physics and computer science and am passionate about community engagement and developing new ideas.

CORE QUALIFICATIONS

- Communication
- Empathy
- Learning
- Organization
- Experience with HTML5, CSS3, JavaScript, Microsoft Office Products
- Problem Solving
- Exposure to Linux, Fortran, Python, C#, React

EDUCATION

2016

Bachelor of Arts: Astrophysics, 3.0 GPA
University of Minnesota – Minneapolis, MN, United States

ACCREDITATION

2016

Web Development with JavaScript & HTML5– HTML5 and CSS3 integration; JavaScript programming; browser-agnostic JavaScript; DOM-based manipulation of HTML documents; programming in jQuery; the browser-event model; client-side debugging techniques; asynchronous client/server interaction (Ajax); animation and visual effects; form management and validation; JSON and XML data representation; and advanced HTML5 features such as the canvas, audio, and video elements.

EXPERIENCE

01/2017 – Present

Data Entry for Cofactor Digital – Chicago, IL Extract data that is used in clients' physical promotions to link the information with their internet counterpart offers. Transferring the data needs to be done quickly and with high attention to detail.

04/2016

Science Working Group Meeting

Johns Hopkins Applied Physics Laboratory – Laurel, MD Discussions with PhD physicists and conferences on the topics of plasma and space physics, laboratory experiments, and satellite arrays. Sent to this week of meetings by the University of Minnesota space physics team. Learning the details about interactions between solar events and the geomagnetic sphere, as well as the satellites utilized by the U of M in their current work on the subject. Responsible for performing computations and analysis using satellite data and authoring the associated research paper.

09/2015 to 05/2016

Intro Astronomy Teaching Assistant

University of Minnesota – Minneapolis, MN Conducted laboratory sections of the introductory astronomy course. Established a learning environment for students to be inquisitive and answer open ended questions. Facilitated experiments and guided learning utilizing lab technology.

09/2011 to 01/2012

Security Monitor

University of Minnesota Security Monitor Program – Minneapolis, MN Observed campus and escorted people that call the service.

05/2012 to 08/2015

Security

Blarney Island – Antioch, IL Responsible for continuously analyzing and adapting to the unpredictable actions of customers. Proper conflict resolution in the form of coordinating observational and removal strategies within the security staff.

Accomplishments

- Minnesota Institute for Astrophysics public speaker on the topics of gravitational waves, the measurement of them by LIGO, and general telescope set up, as well as how to make observations
- Elementary school demonstrator on science topics
- Auditioned for and accepted to District Choir 2009 and 2010
- Vocalist and Guitar player in a music group
- 12 season high school athlete, wrestling captain and sectional qualifier
- USA Track and Field athlete and coach for decathlon
- Competed at USATF National Junior Olympic Track & Field Championships