

## **Bruce P. L. Johnston**

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**PROFESSIONAL PROFILE** Highly skilled professional capable of high levels of organizational, technical and human integration. Strongly motivated toward service and growth.

**EDUCATION** *Bachelor of Science, Mathematics*  
California Institute of Technology, Pasadena, CA  
*Master of Science, Mathematics*  
Johns Hopkins University, Baltimore, MD  
*Certification, Data Science, Johns Hopkins University, Baltimore, MD*  
*Accounting Coursework, Undergraduate Level, Regis University, Denver, CO*  
*Permaculture Design Certificate, Earthaven Ecovillage, Black Mountain, NC*

**COMPUTER SKILLS** *Languages & Software: R, Mathematica, C, MatLab, Pascal, Quickbooks Pro, Quickbooks Online*  
*Operating Systems: Windows, Macintosh, Linux*

**EXPERIENCE** *Self-Employed* May 2016 - Present  
Black Mountain, NC; Ollantaytambo, Peru; Kiel, WI

- Supported self and wife through a variety of occupations, including hotel manager, writer and home care worker

*Software Mastered R*

*Chief Financial Officer* July 2015-May 2016  
Spoken Word, Inc, Asheville, NC

- Managed all aspects of finances, payroll and accounting for startup company with \$80,000 annual budget and five employees
- Helped to develop new business ideas and improve existing services by analyzing audiobook marketplace extensively.

*Software Mastered MS Excel, Quickbooks Online*

*Direct Support Professional* August 2015 - May 2016  
Easter Seals of North Carolina and Virginia

- Guided young man with autism into a wider range of activities than he was previously accustomed to.
- Supported his growth by placing him in situations where he was encouraged, via physical work, to contribute to communal, local enterprises such as farms.

*Direct Support Professional* April 2014-March 2015  
Mountain Area Community Services, Arden, NC

- Supported a young man with sever physical and emotional difficulties in maintaining his own home-based business.

*Production Worker/Manager* April 2013 - April 2014  
Useful Plants Nursery, Black Mountain, NC

- Played ongoing and key role in maintaining production and sales at 1.75 acre nursery selling edible and medicinal plants
- Helped to organize schedule for five co-workers

*Counselor and Teacher* January 2012-March 2013  
Stone Mountain School, Black Mountain, NC

- Counseled and taught mathematics to young men dealing with intense psychiatric issues in a rough, RTC-like environment
- Attempted to bring natural, life oriented methods into curriculum

*Mathematics Tutor* January 2012 - November 2013  
Chyten Educational Services, Asheville, NC

- Tutored high-school students from prestigious backgrounds in mathematics, science and writing, with a focus on test preparation and college admissions

*Mathematics Tutor* April 2012-September 2012  
Asheville-Buncombe Technical College, Asheville, NC

- Tutored community college students in mathematics and science

*Behavioral Technician* September 2010 - March 2011  
Imagine! Colorado, Boulder, CO

- Assisted adults with developmental disabilities to broaden the scope of their lives while also managing forms of behavior that held them back from doing so

*Direct Care Worker* April 2010-September 2010  
YMCA of Boulder Valley, Boulder, CO

*Chief Financial Officer, Co-owner* April 2007 - December 2009  
Useful Plants Nursery, Black Mountain, NC

- Modernized bookkeeping and accounting systems by facilitating a migration to Quickbooks
- Raised revenues 180 % in two years by finding new markets for company's products
- Facilitated expansion of company's production facilities by organizing loans, lines of credit and financial planning
- Managed team of five diverse individuals to achieve business' expansion goals

*Lecturer and Teaching Assistant, Mathematics* January 2004 -May 2006  
Johns Hopkins University, Baltimore, MD

**COMMUNITY  
SERVICE**

My community service is usually oriented toward the encouragement and facilitation of tree planting and ecological restoration.

**PAPERS  
AND  
PREPRINTS**

*Sobolev-Inspired Measures on Large Spaces of Functions and Their Application to Quantum Field Theory*, in preparation

*Chaos Near The Convergence Radius of A Complex Power Series*, 2000. Unpublished.

*Fundamental Theorem of Algebra in  $F[X]$* , 1998. Unpublished.

**HOBBIES**

Juggling, running, weightlifting, writing, farming, construction

**LANGUAGES** English (native), Spanish (business-fluent), French (conversational)