



DARREN TAPP

Business Intelligence Data Analyst

COMMERCIAL EXPERIENCE

TappMath Founder, CEO 2017 - Present

Helps businesses increase value and grow by leveraging data business intelligence. Finds actionable solutions to address existing challenges, creates insightful reporting and trains and mentors existing staff.

Client: Credit Adjustments CAI

- Embedded in Data Analysis team
- Created weekly reports
- Heavy use of SQL
- Created new metric for client resulting in 0.9% revenue increase.
- Created monthly reporting system for client to analyze employee performance.

Other client projects:

- Implemented a new investment trading strategy using Python.

Tapp Root Investments Founder, CEO 2021 - Present

Evaluates and executes successful commercial real estate opportunities.

NETSHIELD (formerly SnoopWall, Inc.) Director of Technology October 2013 - August 2014

- Evaluated software product
- Ensured consistent quality control
- Developed reporting for product

About Me

Darren Tapp, Ph.D, has over a decade of experience as an academic researcher and professor and is a successful entrepreneur with firms specializing in business intelligence and data analysis.

Darren has deep experience using Python and Virtual Basic and is proficient in SQL. He has leveraged his experience to create creative innovative solutions for businesses that range from creating employee performance tracking to identifying revenue optimization opportunities.

Darren's research has explored the scalability of cryptocurrency and computer network thresholds.



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Based in Dover, New Hampshire
Accepts clients nationwide

LANGUAGES & PROFICIENCIES

- Python
- SQL
- Visual Basic
- Training Curriculum Creation

EDUCATION

University of Kentucky

Bachelor of Science, Physics
May 2000

Bachelor of Science, Mathematics
May 2000

Masters of Arts, Mathematics
August 2001

Purdue University

Ph.D. Mathematics
(2007)

Fellow, National Science Foundation
Vertical Integration of Research and Education
(VIRGE)

TEACHING EXPERIENCE

University of Kentucky

Full-time Instructor & Lecturer
Jan 2008 - July 2009

- Finite Mathematics
- Algebra

Hesser College

Assistant Professor
August 2009 - October 2013

- Algebra
- Statistics

Southern New Hampshire University

Instructor
September 2014 - April 2017

- MBA Mathematics Instructor
 - Course included Algebra, Calculus & Probabilities concepts

New Hampshire Technical Institute

Professor
September 2014 - May 2015

- Calculus

RESEARCH & PUBLISHED WORK

Dash Core Group & Arizona State University

Chief Research Officer
April 2017 - May 2020

Wrote specification documents for long-term research project.

Documentation:

<https://github.com/dashpay/dips/blob/master/dip-0001.md>

Research: [Block Propagation Applied to Nakamoto Networks](#)

Arizona State University

Assistant Research Professor
August 2018 - May 2020

Contributed to development of an online Blockchain course.

Research: [Graphene: efficient interactive set reconciliation applied to blockchain propagation](#)

Research: [Picard-Lefschetz monodromy of products](#)