

# ERIC DANIEL WERNER

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## EDUCATION

**The New School** Parsons School of Design (*anticipated graduation: August 2021*)

- Graphic and Digital Design Certificate
- Relevant Skills: Photoshop, Illustrator, Typography, Graphic Design, 3D Modeling

**Cornell University** eCornell (*anticipated graduation: January 2021*)

- Digital Photography Certificate
- Relevant Skills: Photography, Camera Mechanics, Digital Asset Management, Portfolio Development

**Pace University** School of Education (2011)

- Master of Science in Teaching, Mathematics

**Wesleyan University** (2000)

- Bachelor of Arts, Music
- Thesis: Composed, performed, recorded, and produced full-length studio album
- President, Chief Writer, and Editor for sketch comedy group “Bad Sam”

**Hackley School** (1995)

## TEACHING EXPERIENCE

**The Unquowa School** (2014 – 2020)

- **Math Chair**
  - Responsible for purchasing, implementation, and development of math curriculum for grades K – 8
  - Introduced Houghton Mifflin’s *Math in Focus* Singapore Math lower school curriculum
  - Created and piloted two-year Algebra 1 course for 7<sup>th</sup> and 8<sup>th</sup> grade in 2018
  - Created and piloted 8<sup>th</sup> grade Geometry course in 2017
  - Created and piloted 7<sup>th</sup> grade Algebra course in 2017
  - National Math Competitions Coach:
    - Math Olympiad Level E, grades 5 and 6
    - American Math Competition 8, grades 6 – 8
    - MathCounts, grades 7 and 8
  - Created after school Math Club with curriculum including art and design and code-breaking
  - Introduced app-based graphing calculators for Algebra I and Geometry
  - Responsible for overseeing admissions testing in mathematics for prospective students
- **Math Teacher:** 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade including Algebra I and Geometry

**Hommocks Middle School** (2012 – 2014)

- **Math Teacher:** 6<sup>th</sup> and 7<sup>th</sup> grade
- **Learning Specialist:** *Opportunity Plus* - after school program for underprivileged students

**The Masters School** (2010 – 2012)

- **Math Teacher:** 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade including Algebra I

## **Hackley School** (2007 – 2010)

- **Math Teacher:** 7<sup>th</sup> and 8<sup>th</sup> grade including Algebra I (2007 – 2010)
  - Co-developed and piloted new 8<sup>th</sup> grade math curriculum

## **RELEVANT TEACHING EXPERIENCE**

- **Year-Long STEAM Projects**
  - 5<sup>TH</sup> Grade: Rubik's Cube Curriculum
    - Students learn multiple solution algorithms, practice throughout the year, and then demonstrate mastery in morning assembly at the end of the year in front of parents and students
  - 6<sup>th</sup> Grade: Menger Sponge (level 2/3) Project
    - Students develop self-confidence, grit, and manual dexterity through the discovery and application a recursive algorithm that turns 2,400 business cards into a 3.5ft<sup>3</sup> fractal cube
  - 7<sup>th</sup> Grade: Topology Project
    - Students collaborate to produce a 3-dimensional cardboard canyon layer-by-layer to learn about map reading and topology
  - 8<sup>th</sup> Grade: Planetarium Project
    - Students plan, develop, and construct a working geodesic-dome planetarium constructed almost entirely from isosceles cardboard triangles

## **COACHING EXPERIENCE**

### **Soccer:**

- Head Coach: Unquowa Middle School Coed (2015 – 2020)
- Head Coach: Masters Middle School Boys *undefeated in 2011* (2010 – 2012)
- Head Coach: Hackley Junior Varsity Boys (2007 – 2009)
- Head Coach: Byram Hills Junior Varsity Boys (2005)
- Training:
  - 6 years in Dublin, Ireland with IPL coaches
  - 4 years in USA at Joe Machnik's Number One Striker and Goalkeeper camps with USA/NASL coaches

### **Other Sports:**

- Assistant Coach Unquowa Middle School Boys Lacrosse (2015 – *present*)
- Assistant Coach: Masters Middle School 7<sup>th</sup> and 8<sup>th</sup> Grade Co-ed Fencing (2010)
- Head Coach: Hackley Middle School 7<sup>th</sup> Grade Co-ed Tennis (2009)
- Assistant Coach: Hackley Middle School Boys Lacrosse (2008)
- Can also coach:
  - Skiing, Snowboarding, Baseball, Softball, Squash

## **RELEVANT SKILLS**

### **CLUBS**

- Math, Comedy, Music, Writing, Games, Trivia

### **MISCELLANEOUS**

- Ski and Snowboard Sales Manager, Westchester NY (2002-2005)
- Stand-Up Comedian: New York City (2000-2001)
- Assistant Engineer: Sony Music Studios, New York City (2000-2001)
- Lead Video-Game Tester: Eidos Interactive, San Francisco (2000)