

SEAN O'NEIL

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OBJECTIVE

It is my passion to use mathematics and computer science to discover new knowledge and to help push science forward by means of its applications.

AREAS OF MAJOR EXPERIENCE

Mathematics

High School Math (Algebra, Geometry, Trigonometry, Pre-Calculus)
Calculus and Differential Equations
Linear Algebra (Vectors and Matrices)
Complex Analysis
Chemical Reaction Network Theory

Computer Science

Java and Python Languages
Software and Game Design
Debugging and Testing
Simulation
Machine Learning

PROFESSIONAL EXPERIENCE

MyDream.com, 555 Bryant St, Palo Alto, CA 94301 **12/13 - 7/14**
Software Developer/Debugger

Clarify.io, 501 Pedernales St Building 1B, Austin, TX 78702 **7/15 - 9/15**
Machine Learning/Speech Recognition Intern

Apollo Tutors, Dallas, TX **2/16 - Present**
Tutor

EDUCATION

University of Texas at Austin, Austin, Texas **2017**
Mathematics

OTHER INTERESTS

Tutoring
Mathematical Art (Fractals and functional composition)
Math and Science Research (Gamma function, Riemann zeta function, Organic chemistry, Molecular biology, RNA structural analysis, Physics simulations, Molecular modeling)
Constructed Languages

Astrochemistry

SPECIAL ACCOMPLISHMENTS

President of the Language Creation Society chapter at the University of Texas at Austin

SAT Subject Test Scores:

- Mathematics Level 2: 800
- Chemistry: 800
- Physics: 790