

Timothy Paule
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Berkeley – CA

RESEARCH INTEREST

Quantum Information, Condensed Matter.

EDUCATION

University of California, Berkeley

B.A. in Physics and B.A. in Math

GPA: 3.68/4.00

Berkeley, CA, USA

2018-2022

WORK EXPERIENCE

Bay Area

Field Technician, Site Services Now!

2018 - present

KEY SKILLS

Programming Language Python, Julia

Research Tool LabVIEW

RESEARCH EXPERIENCE

Zettl Group

- Research focused on studying properties of 2D semiconducting materials. Efforts primarily focused on doping transition metal dichalcogenides with other transition metals.

AWARDS AND ACHIEVEMENTS

- Eagle Scout - Boy Scout Troop 45 (2017).
- Valedictorian Santana High School (2018).
- CA State Seal of Biliteracy in Spanish (2018).

VOLUNTARY ACTIVITIES

- Member, National Academic Quiz Tournaments - Berkeley Quiz Bowl (2018-2019).
- Volunteer, KALX Radio Station (2018).
- Member, Sigma Pi Fraternity since 2019
- Member, Society of Physics Students at UC Berkeley
- Member, Mathematics Undergraduate Student Association at UC Berkeley

COURSEWORK

- **Math**
 - Programming for Mathematical Applications
 - Linear Algebra
 - Mathematical Logic
 - Introduction to Analysis

Introduction to Abstract Algebra
Discrete Mathematics
Linear Algebra and Differential Equations
Multivariable Calculus

- **Physics**

Introduction to Statistical Mechanics
Analytic Mechanics
Electromagnetism and Optics
Quantum Mechanics
Solid State Physics
Instrumentation Laboratory
Introduction to Experimental Physics
Quantum Information Science and Technology