

Taylor J. Larrechea

PHYSICIST · COMPUTER SCIENTIST · PROBLEM SOLVER

☎ (970) 366-2551 | ✉ tjlarrechea@gmail.com | 🏠 www.tjlarrechea.com | 🖨 QuantumCompiler | 🔗 [tjlarrechea](https://www.linkedin.com/in/tjlarrechea)

Qualifications

Mathematical Skills

- Computational Mathematics, Fourier Analysis, Differential Equations, Discrete Mathematics, Linear Algebra, Mathematical Modeling
- Mathematical Physics, Multivariate Calculus, Numerical Analysis, Probability Theory, Statistics, Tensor Analysis

Personal Attributes

- Adaptability, Attention to Detail, Communication, Conflict Resolution, Critical Thinking, Decision Making, Leadership, Multitasking
- Organization, Presentation Skills, Problem Solving, Project Management, Research Skills, Resourcefulness, Time Management

Programming Languages

- C/C++, CSS, HTML, Java, JavaScript, \LaTeX , Python

Programming Skills

- Algorithms & Data Structures, Cryptography, Desktop & Mobile App Development, Documentation, Functional Programming
- OOP Design, Quality Assurance, Scientific Programming, Software Design, Testing & Debugging, Unit Testing,
- Version Control, Web Development

Scientific Skills

- Computational Problem Solving, Data Analysis & Visualization, Error Analysis, Experimental Design, Laboratory Techniques
- Literature Review, Plotting, Precision Measurement, Risk Assessment, Scientific Communication, Statistical Analysis, Technical Writing