

Felipe Andrés Cubillos Pérez

PERSONAL INFORMATION

Birth: July 12, 1997
Nationality: Chilean
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EDUCATION

Leadership Training Workshop August 2013
CORFO and Fundación Caserta, Mostazal, Chile

Bachelor of Science in Physics 2016-2020
University of Chile, Santiago, Chile
Graduated with distinction.

Teaching Assistants Training Workshop Spring 2018
University of Chile, Santiago, Chile

Master of Science in Physics 2021-Present
University of Chile, Santiago, Chile

Diploma in Higher Education Teaching 2022-2023
Universidad Nacional Andrés Bello, Santiago, Chile
Graduated Summa Cum Laude.

CERTIFICATIONS & TRAINING

Docencia para la capacitación laboral y el aprendizaje a lo largo de la vida 2025
Coursera - Universidad de Chile
Certification in progress...

Advanced Data Analytics Professional Certificate 2025-Present
Coursera - Google
Focus on data visualization, machine learning, and analytics.

Inteligencia emocional: un enfoque práctico 2025
Coursera - Universidades Anáhuac
Certification in progress...

Introduction to Software Development 2024-Present
Coursera - Amazon
Software development fundamentals.

Taller para docentes: Principales estrategias para la enseñanza de estudiantes TEA 2023
Universidad Nacional Andrés Bello

Best practices for teaching students with autism spectrum disorders. Lineamientos Orientadores para la Docencia en la Universidad Andrés Bello <i>Universidad Nacional Andrés Bello</i>	2023
Pedagogical strategies and institutional guidelines for effective teaching. Estrategias Didácticas I <i>Universidad Nacional Andrés Bello</i>	2023
Approved. Estrategias Didácticas II <i>Universidad Nacional Andrés Bello</i>	2025
In progress...	

PROFESSIONAL EXPERIENCE

Assistant Professor <i>Universidad Nacional Andrés Bello, Santiago, Chile</i>	2021-Present
<ul style="list-style-type: none"> • CFIS024 - Fundamentals of Physics, Fall 2021, 2022. • CFIS328 - Experimental Physics, Spring 2021, 2022, 2023. • CFIS332 - Mechanics, Fall 2022, 2023, Spring 2024. • CFSA3180 - Elements of Physics and Measurement, First & Second Trimester 2023. • CFIS310 - General Physics, Fall 2023, 2024, Spring 2024. • CFIS025 - Introduction to Mechanics, Fall 2023. • PCFI222 - Particle Mechanics, Fall & Spring 2024. 	
Auxiliary Professor <i>University of Chile, Santiago, Chile</i>	2018-Present
<ul style="list-style-type: none"> • FI1002 - Newtonian Systems, Spring 2018. • FI1000 - Introduction to Classical Physics, Fall 2019, 2020, 2021. • FI1100 - Introduction to Modern Physics, Fall 2019. • FI4104 - Statistical Mechanics, Fall 2021. • FI2002 - Electromagnetism, Spring 2023. • FI2001 - Mechanics, Fall & Spring 2024. 	
Teaching Assistant <i>University of Chile & UNAB, Santiago, Chile</i>	2020-Present
<ul style="list-style-type: none"> • PCFI222 - Rigid Body Mechanics, Spring 2019, 2020, 2021 (UNAB). • FI1100 - Introduction to Modern Physics, Spring 2020 (UCH). • FI2001 - Mechanics, Spring 2020, Summer 2023 (UCH). • FI2002 - Electromagnetism, Fall 2022, Summer 2024 (UCH). 	
Theoretical Research Intern <i>University of Chile, Santiago, Chile</i>	January 2019
Theoretical research and poster publication: "Elastic waves in homogeneous, isotropic, and periodic metamaterial media".	
Tutor - Taller Los Dos Relojes <i>University of Chile, Santiago, Chile</i>	2021
Preparation of materials and execution of tutorials.	

Instrument Technician Intern**2021-2022***University of Chile, Santiago, Chile*

Handling specialized microscopes and bacterial samples.

Assistant Professor**2022***Faculty of Medicine, University of Chile, Santiago, Chile*

CB10007, CB10008 - Physics, Fall & Spring 2022.

Physics Laboratory Manager**2022***Universidad Adolfo Ibáñez, Santiago, Chile*

Instructor in charge of physics laboratories.

PERSONAL SKILLS

Languages: Spanish (Native), English (Advanced)*Software:* Excel, Word, PowerPoint, L^AT_EX, Python, MatLab, Solid Edge, Image J, CAMB, LTSpice, Zoom, Discord, Teams, Blackboard, Canvas, Tracker, Pasco Capstone, Git, Overleaf, Jupyter Notebook, Wolfram Mathematica, Java, Scipy, NumPy, Pandas, SymPy*Skills:* Problem-solving, Effective communication, Adaptability, Resilience, Commitment, Fast learning, Self-taught, Public speaking, Writing excellence, Participation in extracurricular activities, Scientific computing, Numerical simulations, Computational physics, Algorithm development, Data analysis, Machine learning basics, Cryptography, Blockchain, Pedagogical innovation, Curriculum design, Student-centered teaching, Public speaking, Technical writing, Research methodology, Data visualization, Statistical analysis, Academic mentoring.