FELIPE I. FIGUEROA TAPIA

Undergraduate Student of Physics

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EXPERIENCE

Teaching Assistant
Electromagnetism

📅 March 2020 – July 2020   📍 Universidad de Valparaíso

- Course taught by Prof. Dr. Graeme Candlish.

Teaching Assistant
Computational Physics

📅 March 2020 – July 2020   📍 Universidad de Valparaíso

- Course taught by Prof. Dr. Michel Curé.

Research Assistant
Stellar Wind of Massive Stars

📅 December 2019 – Ongoing   📍 Universidad de Valparaíso

- Project lead by Dr. Michel Curé, our goal is to study, via computational simulations, the line and stellar parameters of massive stars.

Research Assistant
Steady State of Dwarf Novae

📅 August 2020 – Ongoing   📍 Universidad de Valparaíso

- Project lead by Dr. Nikolaus Vogt, our goal is study the steady state of dwarf novae, without taking the eruptions of the system.
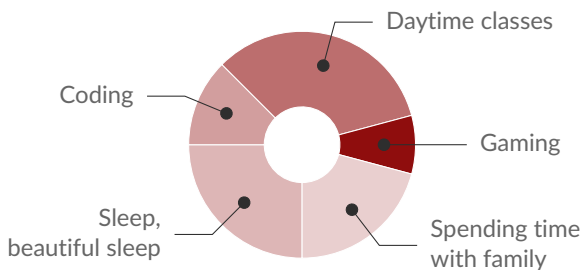
Research Assistant
FAPESP-CONICYT

📅 April 2021 – Ongoing   📍 Universidad de Valparaíso

- Project lead by Dr. Michel Curé, the goal of this proyect is to replicate stellar spectra using a montecarlo code (HDUST), using as input the code HYDWIND.

A DAY OF MY LIFE

MY LIFE PHILOSOPHY

"A journey of a thousand miles begins with a single step."

STRENGTHS

Hard-working   Eye for detail   Passionate for my work   Trustworthy   Creativity

Python   Mathematica   Statistical Analysis

LANGUAGES

Spanish   ●●●●●

English   ●●●●○

EDUCATION

B.Sc. in Physics
Universidad de Valparaíso, Chile

📅 March 2018 – Ongoing

REFEREES

Prof. Michel Curé
@ Instituto de Física y Astronomía (IFA, UV)
✉ michel.cure@uv.cl

Prof. Catalina Arcos
@ Instituto de Física y Astronomía (IFA, UV)
✉ catalina.arcos@uv.cl

Prof. Nikolaus Vogt
@ Instituto de Física y Astronomía (IFA, UV)
✉ nikolaus.vogt@uv.cl

PUBLICATIONS

👥 Conference Proceedings

- Figueroa-Tapia, F., Gormaz-Matamala, A. C., Lobel, A., & Curé, M. (2020). Obtaining stellar parameters using a self-consistent m-cak procedure. In *Xvi sochias annual meeting,* (pp. 30–31). SCL, Chile: Sociedad Astronómica de Chile (SOCHIAS).