# Nicholas Mc-Donnell

🏠 Camino el Alba 10312, Santiago, Chile

📭 namcdonnell@uc.cl ☎ +56 9 62061387 🖥 website 🐙 GitHub: N9199 💼 LinkedIn: lnkd

## 📚 Education

| | |
|---|---|
| **Pontificia Universidad Católica de Chile (PUC)** | **Santiago, Chile** |
| *Mathematics B.Sc.* | 2017-2020 |

**Coursework:** Data Structures/Algorithms, Automata Theory, Statistics/Probability, Linear Algebra, Abstract Algebra
**Activities:** Model Theory Seminar Organizer, Mathematics Student Council, Mathematics Statutes Commission

## 💼 Experience

| | |
|---|---|
| **Mathematics Faculty (PUC)** | **Santiago, Chile** |
| *Teacher Assistant* | March 2018 – Dec 2020 |

– Real Analysis
– Abstract Algebra
– Several Calculus Courses

| | |
|---|---|
| **Computer Science Department (PUC)** | **Santiago, Chile** |
| *Teacher Assistant* | March 2021 – Dec 2021 |

– Cryptography
– Algorithms & Data Structures
– Algorithm Design & Analysis

| | |
|---|---|
| **IMFD** | **Santiago, Chile** |
| *Research Assistant* | Sep 2020 – Feb 2022 |

– Implemented several algorithms in C++ and tested correctness.
– Analysed performance of algorithms with synthetic datasets.

## ✋ Skills

👍 **Expert**: Python, Git, VSCode, Spanish
👌 **Proficient:** C++, Rust, ZSH
🖐 **Novice** Java, CSS, JavaScript, HTML, Data Analysis, R, SQL, VIM, Godot, C#, Bash, Linux

## 🏆 Awards

| | |
|---|---|
| ICPC Latin American Regional 2nd place in Chile (54th in Latin America) | 2019 |
| IEEEXTREME 15.0 26th place | 2021 |