Thomas Barros

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EDUCATION

- **The University of Queensland** Brisbane, QLD
  Bachelors of Computer Science / Science; GPA: 5.043/7 *Jan. 2022 – Present*
    - **Majors**: Physics, Machine Learning
    - **Minor**: Applied Mathematics
    - **Extracurricular**: UQ Computing Society (UQCS) member

COURSEWORK

- **Relevant Coursework**
  The University of Queensland
    - **Computer Science**: discrete mathematics, theory of computation, programming, computer systems principles and programming, algorithms and data structures, artificial intelligence, pattern recognition and analysis.
    - **Physics and Mathematics**: statistics, calculus, linear algebra, ordinary and partial differential equations, real analysis, mechanincal and thermal physics, electromagnetism, fields, thermodynamics, condensed matter physics, classical mechanics, special relativity.

EXPERIENCE

- **CSIRO** Brisbane, QLD
  Work Experience *2019*
    - **Hardware programming**: Wrote basic programs for Arduino Uno board and Internet of Things (IoT) Button.

PROJECTS

- **Personal Website**: Personal website written in HTML, CSS and JavaScript available at https

PROGRAMMING SKILLS

- **Programming Languages**: Python, Java, C, SQL, R

- **Developer Tools**: VIM, Intellij Idea, VS Code, Git, VirtualC, MySQL, RStudio