

CHRISTOPHER NADEAU

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EDUCATION

UNIVERSITY OF R.I.

BS PHYSICS

BS APPLIED MATHEMATICS

Expected May 2021 | Kingston, RI

Cumulative GPA: 3.61

College of Arts and Sciences

SOUTH KINGSTOWN HS

Grad. May 2017 | Wakefield, RI

LINKS

Github:// cmnadeau

LinkedIn:// cmnadeau

COURSEWORK

UNDERGRADUATE

Classical Mechanics

Ordinary/Partial DEs

Electricity and Magnetism

Computational Physics

Object-Oriented Programming

Quantum Mechanics

Statistical Mechanics/Thermodynamics

General Relativity

Solid-State Physics

GRADUATE

Quantum Mechanics I

SKILLS

PROGRAMMING

Over 5000 lines:

L^AT_EX

Over 1000 lines:

Python • Shell

Familiar:

Java • C++

OTHER PROFICIENCIES:

MS Office/OpenOffice/Google Suite

Mathematica

Econometric Views

VMWare/VBox

PuTTY

Operating Systems

Windows (DOS 6.0- Win10) • Mac OSX

Debian Linux/derivatives • Scientific Linux

RESEARCH

URI GRAVITATIONAL WAVE GROUP

UNDERGRAD RESEARCH

Oct 2018 – Present | Kingston, RI

Worked with Prof. Coyne to create a computational cluster from consumer electronics using MPI to facilitate running large-scale gravitational wave data locally versus finding time on off-location clusters.

MIT HAYSTACK OBSERVATORY

REU SUMMER INTERNSHIP

Jun 2020 - Aug 2020

EXPERIENCE

URI

UNDERGRADUATE TEACHING ASSISTANT

URI Physics Dept, Spring 2018-Present

- Run recitations for PHY273, PHY274, PHY275.
- Responsible for grading weekly recitations and input of grades into online gradebook

RHODE ISLAND NUCLEAR SCIENCE CENTER

INTERN

July 2019 – Present | Narragansett, RI

- Assisted with regular maintenance of running 2MW nuclear reactor
- Repaired custom machine for gamma spectroscopy of radioactive samples running DOS and 98.
- Gathered data for experiment testing dead times of Geiger-Muller detector with various different radioactive sources.

DENALI

SALES ASSOCIATE

June 2017 - May 2019 | Wakefield, RI

- Assisted customers find the equipment necessary for their outdoor adventures
- Coordinated with other staff to meet and exceed internal goals

AWARDS

Fall 2017 - Present

Dean's List, URI

Fall 2019-Spring 2020

Stephen Letcher Endowed Scholar

Fall 2017- Spring 2021

Centennial Scholarship

SOCIETIES

Fall 2017 - Present

Member-at-large, URI Sailing Club