

R. MICHAEL JENNINGS

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michaeljennings11.github.io

EDUCATION

University of California, Berkeley

August 2018 - Present

B.A. Physics (In Progress)

B.A. Astrophysics (In Progress)

Advisors: Yuan Li, Eliot Quataert, Eugene Chiang

Berkeley, CA, GPA: 3.850

Diablo Valley College

January 2016 - July 2018

A.S. Physics

A.S. Mathematics

Certificate of Achievement in C++ Programming

Certificate of Achievement in Japanese Language

Pleasant Hill, CA, GPA: 3.835 *Honors*

SKILLS

Computer Languages

C/C++, Python, Linux/Unix, L^AT_EX, bash, git, HTML, CSS

Parallel Computing

MPI, OpenMP

Software

Athena/Athena++, Enzo, yt

RESEARCH

Thermal Instability and Multiphase Gas in the Interstellar Medium

Advisors: Yuan Li, Eliot Quataert

Spin Axes of Gravitational Instability Fragments (*Honors Thesis*)

Advisor: Eugene Chiang

SUPERCOMPUTING

NASA Pleiades

UCB Savio

POSTERS AND TALKS

[1] Jennings, R. M.; Li, Y.; Quataert, E.; *Thermal Instability In The Interstellar Medium And The Implementation of Anisotropic Conduction in Athena++*, Astronomy Poster Summer Intern Symposium, Berkeley, CA, August 2019. (poster)

TEACHING AND WORK EXPERIENCE

Mentor, ULab Theoretical Astrophysics Group

September 2019 - May 2020

University of California, Berkeley

Mentor, ULab Particle Physics Group

September 2018 - May 2019

University of California, Berkeley

Technician, Physics Laboratory

February 2017 - June 2018

Diablo Valley College

Astronomy Tutor

August 2016 - May 2018

Diablo Valley College

SERVICE AND OUTREACH

Observatory Deck Docent and Telescope Operator
Chabot Space and Science Center, Oakland

August 2017 - December 2017