

# José Flores | Curriculum Vitae

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[https://jaf12.github.io/joseflores.github.io/]

## Education

**Bachelors of Science in Physics** — [California State Polytechnic University, Pomona CA] [Fall 2013 — Spring 2018]  
Dean's List: 3.6 GPA

## Presentations

**Galaxy Formation And Evolution in Southern California** — [California Institute of Technology, Pasadena CA] [September 2016]  
**CAMPARE & Cal-Bridge Research Symposium** — [California State Polytechnic University, Pomona CA] [August 2016]  
**Banneker & Aztlán Institute Symposium** — [Harvard-Smithsonian Center for Astrophysics, Cambridge MA] [August 2016]

## Research

**Kinematics of Galaxy Mergers using FIRE** [August 2016]  
Using a suite of galaxy merger simulations with FIRE to analyze the effect of interactions on galactic kinematics. This includes kinematic decoupling of the stellar and gas components, kinematically decoupled cores, and other features. Importance of this work is highlighted by recent observations by the CALIFA (Barrera-Ballesteros et al. 2015) and SAMI surveys (Bloom et al. 2016).

## Awards

**Cal-Bridge Scholar**, [California State Polytechnic University, Pomona CA] [September 2016]  
**CAMPARE Scholar**, [California State Polytechnic University, Pomona CA] [February 2016]

## Computing

**Languages** — [Python, C++, HTML]