

A large, dark blue, irregular splash-like graphic on the left side of the slide, with some lighter blue and white speckles around its edges.

# Omar Zintan Pomona College

- **What is HPC support?** A group of student workers headed by Pomona's HPC specialist Asya Shklyar which exists to provide support to students and faculty who need to use our HPC environment.
- **Why is HPC support necessary?** The demand for HPC is on the rise, hence, the team facilitates the support that Ms Shklyar gives to faculty and students. It also gives early exposure to students interested in HPC.
- **What do we do aside HPC?** We have a lab open to all student workers to experiment with technology such as VR, 3D printing, Drones, Raspberry Pi's mainly for educational projects.

A large, abstract blue ink splash graphic on the left side of the slide, with various shades of blue and white splatters extending from its edges.

# Omar Zintan

## Pomona College

- I partnered with a CS faculty, and one other student worker, in developing an [auto grading platform on GitLab](#) for his fall AI class
- We made a bot that automates:
  - grouping of students with the right permissions
  - forking of the class repository for each student
  - creation of branches and merge requests for each assignment
  - running pipelines for grading whenever students submit their assignment by committing to the already created merge requests
  - presenting results to students as comments in the merge requests and storing their grades securely in a grade book
- At the end of this conference I hope to have learnt enough to actively help and advise faculty and students, and even mentor my fellow student workers, on how to work with HPC.