

## ABOUT ME

I have a broad range of molecular biology and systematics experience spanning fieldwork, species description, and phylogenetics. I am excited and prepared to take the field into the digital and molecular age.

## CONTACT



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San Francisco, CA



## EDUCATION

### SAN FRANCISCO STATE UNIVERSITY

M.S. Biology (in Progress)  
Ecology, Evolution, Conservation  
Present

### CORNELL UNIVERSITY

B.S. Entomology  
Honors Thesis, *magna cum laude*  
2020

# JACOB A. GORNEAU

## GRADUATE STUDENT

## OBJECTIVE

Whether in the lab or in the field, the sheer diversity of arthropods inspires me to continue studying them. I see it as a joy and a responsibility to communicate the importance of this work and make it accessible to everyone.

## EXPERIENCE

**Graduate Student** California Academy of Sciences  
*August 2020 — Present*

Investigating the evolution and diversity of mesh-web weaving spiders (Dictynidae) and the population genetics of the Western Forest Scorpion (*Uroctonus mordax*) using genomic technology.

**Curatorial Assistant** Cornell University Insect Collection  
*August 2016 — June 2020*

Led a National Science Foundation-funded effort to curate and database the butterfly and moth (Lepidoptera) collection totaling three families of over 6,000 species to improve organization and access to the collection.

**Lab Assistant** Danforth Lab  
*August 2018 — May 2020*

Worked to identify thousands of bees collected by New York State Department of Environmental Conservation for the Empire State Native Pollinator Survey, a project of the New York Natural Heritage Program.

**Lab Assistant/Museum Preparator** Rayor Lab  
*June 2017 — January 2018*

Became experienced in arthropod husbandry practices, maintaining live arachnids. Collaborated with a team that collected and prepared over 350 dried spider specimens prepared in a lifelike position for The Australian Museum's *Spiders: Fear and Fascination* traveling museum exhibit.

## SKILLS



Coding/Computational

Molecular Biology

Mentoring/Teaching

Outreach/Scientific Communication

Insect & Arachnid Identification

