

Sid Sannapareddy

(559) 244-9760 • sidsan@upenn.edu
www.linkedin.com/in/sid-sannapareddy

EDUCATION

University of Pennsylvania, School of Engineering and Applied Science
Master's in Computer Science (MCIT)

Philadelphia, PA
Aug 2022 – May 2024

- GPA 4.0/4.0
- Relevant Coursework:
 - Introduction to Software Development: A+
 - Mathematical Foundations of Computer Science: A
 - Introduction to Computer Systems: A+

(Ongoing: Data Structures and Software Design, Computer Systems Programming, Algorithms and Computation)

Occidental College

Honors Bachelor of Arts – Major in Biochemistry, Minor in Public Health

Los Angeles, CA
Aug 2017 – May 2021

- GPA: 3.75/4.00 | Graduated *magna cum laude*
- Awarded institutional honors for research on intraspecific variation among orange-fronted parakeets
- Achieved Pass with Distinction for undergraduate thesis on disease progression model for Parkinson's Disease

EXPERIENCE

Moore Lab of Zoology, Occidental College

Student Researcher (Part-time)

Los Angeles, CA

Nov 2018 – May 2021

Research Technician (Full-time)

Summer 2019 & Summer 2020

- Developed photogrammetric method using multiple proprietary software (e.g. Reality Capture, Houdini, etc.) to support cost-effective and rapid digitization of museum collections
- Co-authored manuscript delineating digitization process, publishing it in peer-reviewed journal *PLOS One*
- Awarded \$5,000 summer research project study grant to study intraspecific variation among orange-fronted parakeets, presenting findings at the 2020 North American Ornithological Conference
- Collaborated full-time as a research tech with students and staff on synthesizing workflows for 3D modeling specimen collections (2019); transferred ornithological specimens to a renovated collection space (2020)

PUBLICATIONS

Medina, J. J., Maley, J. M., **Sannapareddy, S.**, Medina, N. N., Gilman, C. M., & McCormack, J. E. (2020). A rapid and cost-effective pipeline for digitization of museum specimens with 3D photogrammetry. *PLOS ONE*, 15(8), e0236417. <https://doi.org/10.1371/journal.pone.0236417>

SKILLS AND INTERESTS

Technical Skills: Java, C, Python, C++, R

Languages: English (fluent), Telugu (conversational), Hindi (basic), Spanish (basic)

Interests: Running (2:11 800m personal best), cryptocurrency and blockchain