

Tyler Young

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70 Morningside Drive, New York, NY 10027, USA

EDUCATION

Columbia University, Columbia College New York, NY, USA

B.A., Major in Neuroscience and Behavior; Minor in Chemistry

Expected May 2027

- **Honors:** Dean's List (Spring 2024)
- **Organizations:** Charles Drew Pre Med Society; Columbia University Red Cross (Officer: Blood Drive Events Coordinator); Columbia Neuroscience Society (Organizing Committee Member); LIGA (Filipino club); Alpha Epsilon Pi (VP)
- **Relevant coursework:** General Chemistry I + II; General Chemistry Lab; Science of Psychology; Calculus I; Biology I + II; Contemporary Biology Lab; General Physics I + II; Physics lab I + II; Introduction to Statistics; Behavioral Neuroscience; Neurobiology I; Organic Chemistry I; Organic Chemistry Lab I; Abnormal Psychology

WORK EXPERIENCE

Columbia University Zuckerman Institute - Kahn Lab New York, NY, USA

Research Technician

750+ hours

Jan. 2025- Current

- Trained in mouse survival surgery, handling, Level III MRI for small animal imaging
- Assist in neurodegeneration and aging studies in the Kahn Lab
- Perform a variety of behavioral assays and create/modify programs to automate the data collection of these assays.
- Currently involved in an RO1 grant funded neurodegenerative lesion study in collaboration with the Wig lab at UT Dallas.
- Project lead on a study to analyze a preexisting MRI dataset of CDKp25 with rapid neurodegeneration in collaboration with the Wig Lab at UT Dallas to implement their systems segregation algorithm and analyze change in brain networks in this model.

Weeks Medical Center

Lancaster, NH, USA

Observer Surgery/OR

50+ hours

Dec. 2024- Jan. 2025

- Shadowed Orthopedic Surgeon Dr. Michael Brown to explore operations of the Orthopedic unit and observe a wide variety of orthopedic surgery cases.
- Shadowed General Surgeon Dr. Matthew Jones observing a wide variety of general surgery cases.
- Shadowed Podiatrists Dr. Heong-min Kim and Dr. Tara Soraghan in exploring podiatry surgical cases.
- Observed operating room preparation and learned proper scrubbing technique.
- Observed 50+ hours of surgical operations and cases.

Upper Connecticut Valley Hospital

Colebrook, NH, USA

Per Diem (Senior) Phlebotomist

600+ hours

May 2024 - Current

- Performed venipuncture and capillary punctures to collect blood specimens.
- Ensured proper identification and labeling of collected specimens.
- Maintained strict adherence to infection control and safety protocols. Prepare and maintain equipment and supplies needed for blood collection.
- Collaborated with healthcare team members to ensure timely and accurate lab results.
- Provided compassionate and professional care to patients during blood collection procedures.
- Maintained accurate and detailed records of blood collection activities.
- Ensured compliance with all relevant health regulations and standards.

AWARDS

Named Recipient of: ZBT - Stanley I. Fishel, CC'34 Scholarship Fund

SKILLS

- **Responsible, Organized, Timely**
- **Technical Skills:** MoSeq, DeepLabCut, Python, MatLab, Jupyter, Visual Studio
- **Certifications:** Certified Phlebotomy Technician (PBT), CPR, MRI level III small animal imaging
- **Languages:** English (Fluent); Spanish (B1-lower intermediate)