

YASH THACKER

LinkedIn: www.linkedin.com/in/ythacker96 | ythacker@wustl.edu | 309-532-0385

EDUCATION

ILLINOIS WESLEYAN UNIVERSITY, Bloomington, Illinois

Pursuing bachelor's in biology | *August 2015 – Present* | GPA: 3.92/4.0

Completed the requirements for a bachelor's degree in Biology and a minor in Math while doing Pre-Med and Pre-Engineering courses. Classes taken: Applied Analysis Sequence (proof-based Calculus), Calc-based Physics, Genetics and Molecular Biology along with Animal physiology.

WASHINGTON UNIVERSITY IN ST. LOUIS, St. Louis, Missouri

Pursuing bachelor's in Computer Science and minor in Bioinformatics | August 2018 - Present

EXPERIENCE

RESEARCH ASSISTANT WASHINGTON UNIVERSITY IN ST. LOUIS MED SCHOOL | *September 2018– Present*

Software tester on for XNAT tool, additionally I am working on developing image analysis tools.

PRODUCT DEVELOPER SLING HEALTH | *September 2018– Present*

I work as a product developer, working on both front-end development along with back-end dev for data analytics.

REPAIR TECHNICIAN ILLINOIS WESLEYAN IT SERVICE AND REPAIR | *August 2015 – May 2018*

Fixed software and hardware issues on students' and teachers' personal computers.

RESEARCH ASSISTANT ILLINOIS WESLEYAN UNIVERSITY | *August 2017 – May 2018*

Worked at developmental biology lab, preparing and sectioning specimens in addition to performing immunohistochemistry to analyze development of cartilage in fish jaws.

VOLUNTEERING/SHADOWING OSF ST. JOSEPH MEDICAL CENTER | *August 2015 – Present*

Worked in the ER assisting patient's families around the area, and performing rounds on patients. Shadowed doctors and observed and assisted in minor procedures such as placing a catheter.

RESEARCH ASSISTANT NORTHWESTERN UNIVERSITY | *August 2013 – August 2014*

Wrote part of an algorithm in MATLAB to analyze images and denoise them.

LEADERSHIP

National Society of Leadership and Success | VICE-PRESIDENT | *April 2017 – May 2018*

Planned orientation, and induction, assisted students in completing the requirements that they need to become members.

IWU Tri-Beta Bio Honors Society | JUNIOR CLASS REPRESENTATIVE | *April 2017 – May 2018*

Helped start volunteering program with a local hospital and get deal on MCAT test prep from Kaplan.

Habitat for Humanity | FUNDRAISING DIRECTOR | *April 2017 – May 2018*

Planned and oversaw multiple fundraisers for the charity and participated in building of a local houses.

Association for Computing Machinery | VICE-PRESIDENT | *April 2017 – May 2018*

Helped plan events and start new projects for new members to develop their understanding of computers.

SKILLS

Computer Programs | Mathematica, AutoCAD Inventor, Igor Pro, Photoshop, Web development.

Computer Languages | Python, HTML+CSS, JavaScript, Processing, Bootstrap.

Biology Related Programs | PECAAN, DNA Master, IMAGE J.

Lab Equipment | Working with centrifuge, micropipette, belly dancer, Spectrophotometer.

Lab Techniques | Performing mini-preps, In-Fusion cloning, restriction digests, Gel Electrophoresis both: agros, and polyacrylamide, PCR, SDS-PAGE, electroporation and testing cell metabolism.

Research Skills | Writing Research Reports, doing statistical and data analysis, creating professional graphs and presentations.