

Jacob Kaplan

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Education:

Florida Institute of Technology, Melbourne, FL Expected Graduation: May 2022
Bachelor of Science in Biomedical Science, Minors in Psychology and Biology GPA 3.71

Skills:

Highly knowledgeable with laboratorial instruments and biotechnology, very strong team player or team leader, working in fast pace lab settings, data entry and bioinformatics, great typing speed and accuracy, CPR Certified, knowledgeable in Microsoft Word and PowerPoint, effective in understanding human anatomy and laboratory terminology, Strong in communicational and listening skills, highly effective in multi-tasking and organizing effectively, passion to learn and to become successful in the medical field.

Experience:

RGIS LLC: Healthcare Inventory Associate July 2021 – Current

- Obtaining multiple pieces of data on medical devices and medication
- Partners one-on-one with healthcare professionals at an event capturing part numbers, serial numbers, ndcs and expiration dates of medical devices and/or medication
- Work swiftly in team efforts in a healthcare setting.

Medicomp Inc.: Fulfillment Specialist December 2020 – February 2021

- Processing patient supply requests, process equipment, testing, programming, and updating cardiac monitoring equipment.
- Sterilizing and stocking rotation equipment keeping a clean environment
- Assist with coordinating outsourced kitting services, and shipping services

BioReference Laboratories: Medical Lab Assistant, Melbourne, FL. June – August 2020

- Extensive Knowledge and practice aiding technicians in clinical lab setting.
- Laboratory Assistant in microbiology, COVID, hematology, and chemistry labs.
- Familiar with pipetting samples, loading machines, taking samples off machine, storing samples in database, and retrieving samples.

Florida Institute of Technology Laboratories, Melbourne, FL August 2018 - Present

Dr. Leonard & Dr. Grimwade Laboratory (FIT): Undergraduate Research in Molecular Biology

- Identifying origin of DNA replication of all organisms to identify novel antibiotics.
- Extensive practice with PCR of plasmid sample, gel electrophoresis, and cell mutagenesis
- Ability to work through protocols without trouble.

Microbiology Laboratory: Microscopic Organisms

- Verified Unknowns through different biochemical tests.
- Extensive practice with pipetting techniques and microorganisms.
- Skilled with light microscopes and viewing microorganisms.
- Familiarized with microorganisms and viruses.

Genetics Laboratory: Bioinformatics and Research

- Bioinformatics and research
- DNA extraction with multiple objects.
- Determined recombinant plasmid with gel electrophoresis.

Biotechnology Laboratory: Laboratory Instrument Technology Experience

- Worked with diverse number of microscopes and lab instruments.
- GFP which is antibiotic resistant activation and deactivation with arabinose sugar.
- Worked with proper sterile techniques, spectrometer, heat shock transformation, replica plating, plasmid isolation, agarose gel electrophoresis, PCR and GFP purification.

Honors:

- Dean's List: Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021
- TriBeta (Biological Honor Society) Full Member 2020, and Treasurer Spring 2021 – Current
- American Society for Biochemistry and Molecular Biology Student Chapter Fall 2019 – Current

Co-curricular Activities:

- Theta Omega Gamma: Active volunteered for multiple organization – 100+ hours
- Captain of Florida Tech Bowling Team
- Member of Active Minds Florida Tech