

ALEXIS FAULBORN

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12 Emily Drive

Old Bridge, NJ 08857

OBJECTIVE

To obtain future research assistant positions in the biotechnology or biochemistry lab fields.

EDUCATION

Rutgers University, New Brunswick, NJ

Intended major: Plant Biotechnology

Intended minor: Biochemistry

Bachelor of Science, expected graduation May 2021

Old Bridge High School, Class of 2017

GPA 4.52, Ranked in top 10% of class

HONORS

Cook Education Assistant Grant, awarded for demonstrating a continuing education at the SEBS college, 2018.

Waksman Student Scholars Program Award, awarded for demonstrating leadership in the Waksman Student Scholars Program, 2016-2017.

President's Education Award Program, awarded for outstanding academic achievements, 2017.

VOLUNTEER EXPERIENCE

Research Intern, July 2016-August 2016

Waksman Institute, Piscataway, NJ

- Demonstrated knowledge in bioinformatics from previous involvement in the Waksman Student Scholars Program in high school.
- Worked in the lab for 5 hours each day by performing PCR, RDG, digests, etc. on CDNA.
- Worked with and became familiar with major databases (BLAST, NCBI) that other scientists use in day-to-day life.

Ambassador, August 2016-July 2017

Waksman Institute, Piscataway, NJ

- Instructed 12 students at Old Bridge High School in topics involved in the Waksman Program.
- Worked in a lab setting with the students, teaching them the procedures of PCR, RDG, minipreps, etc.
- Constructed a 3D model through jmol to aid in the end of year presentation needed to demonstrate that all students attained an understanding of practices.

ADDITIONAL EXPERIENCE

Research Assistant/Lab Tech, January 2018-May 2019

Nelson Biological Labs, Division of Life Sciences, Kwan Lab, Piscataway, NJ

- Demonstrating a knowledge in bioinformatics by running PCR, digests, etc.
- Working in the mouse facility to sort and organize transgenic mice.
- Using excel, R, python, and other bioinformatic programs to compile and analyze data sets.

Bioinformatic Tech, April 2019-present

Bromberg Lab, Department of Biochemistry, New Brunswick, NJ

- Working on python scripts to pull sequences from respective databases.
- Using Docker to connect certain protein images to the database.
- Working on the new algorithm for the SNAP3 interface.

Target Audience of Resume: Principle Investigators

Science Honor Society Vice President, 2016-2017

Italian Honor Society, 2015-2017

History Honor Society, 2015-2017

SKILLS

Ability to multitask

Quick learner and highly responsible

Problem solving skills

Good with programs/computers (DSAP, jmol, BLAST, Perceval, R, python, etc.)

Passionate in the research field

Positive attitude

Helpful and empathetic

REFERENCES

Available on request.