

## Nithila Arunkumar

Edison, NJ | Rutgers University

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### Education

#### RUTGERS UNIVERSITY

New Brunswick, NJ

Honors Double Major BA Candidate in MBB and Sociology

Expected May 2024

Relevant Coursework: Introduction to MBB Research, Genetics, Introduction to Statistics for Research

Extracurriculars: HGA Vice President of Health Programs (launch social events for FitlifeFlow which promotes proper exercise amongst the Rutgers community), AED Associate Member, Rutgers Amnesty Member, MBB Society Member

#### John P. Stevens High School

Edison, NJ

GPA: 3.8 | SAT: 1560 (760 RW, 800M)

June 2020

Relevant Coursework: AP Biology, AP Chemistry, AP Calculus, Anatomy and Physiology

Extracurriculars: WSSP Lead Student Scientist (published 4 clones to NCBI and led a group of underclassmen), HOSA (winning 2 medals in nutrition on a state level), 4H Teen Café Leader (working with a team of high schoolers and corresponding between Rutgers professors to host a monthly talk)

### Experience

#### NAKAMURA LAB GROUP

New Brunswick, NJ

Research Assistant

11/2020 - Present

- Using computational genomics, RNA-seq, and ChIP sequencing to identify the organism that facilitated the fish to tetrapod transition

#### FANWOOD RESCUE SQUAD

Fanwood, NJ

EMT Candidate

09/2020 - Present

- Observing EMTs and attending calls every week for 5-6 hours in order to become an official EMT in the spring
- First Aid and CPR Certification (expires October 2022)

#### INHALE-EXHALE

Philadelphia, PA

Community Outreach Lead

07/2020 - Present

- Leading a small group in creating mental health resources and designing virtual events for our members
- Managing social media accounts and growing followers (from 3 to 80)
- Screening 90 new interns and helping them find a role within the nonprofit

### Skills

**Laboratory:** PCR, gel electrophoresis, reverse transcriptase PCR, northern blots, next gen sequencing, paper and column chromatography

**Technical:** Java (beginner), Google Applications (professional), Microsoft Excel (intermediate), Python (beginner)

**Languages:** English (native), French (intermediate), Tamil (intermediate)