

# Alan Yu

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## Education

**Rutgers University, New Brunswick School of Arts and Sciences**

*B.A. in Chemistry | Minor in Computer Science*

GPA: 3.32

**New Brunswick, New Jersey**

May 2021

Dean's List Fall 2019 – Spring 2021

## Skills

- **Adaptability**
- **Customer Service**
- **Inventory Management**
- **Laboratory Coursework**
  - **Analytical Chemistry:** Introduced to filtrations, pH titrations, ion chromatography, and alkalinity of samples.
  - **Organic Chemistry I:** Began with recrystallization and melting point analysis, gas and thin layer chromatography, simple distillations, synthesis of chemicals, and IR/NMR analysis of an unknown product.
  - **Organic Chemistry II:** Conducted and analyzed a SN2 synthesis, catalyzed click chemistry reaction, polymer reactions, organometallic chemistry, and finished with another IR/NMR analysis of an unknown product.
  - **Instrumental Analysis:** Gathered experience with FTIR, GC, HPLC, UV-Vis, XRF, Chemometrics, Fluorescence, and ICP-OES analysis methods of samples.
  - **Experimental Physical Chemistry:** Worked with decomposition kinetics, speed of sound in variable gases, magnetic susceptibility of transition metal complexes, photoluminescence, FT-IR, UV-Vis, and cyclic voltammetry.
- **Languages:** English, Chinese, and German.
- **Programming:** Experience in Java, C, and MySQL; Familiar with Python and JavaScript.

## Work Experience

### Stop & Shop

Pennington, NJ

Grocery Clerk

December 2020 – Present

- Servicing the questions of customers with multiple locations of products requested and alternatives if shelves were empty.
- Creating end-caps with neatly placed products demonstrating the sale throughout the week.
- Organizing products delivered onto shelves with excess products placed into separate locations pertaining to each aisle.
- Working and counting inventory of product and relaying into a digital inventory system.

## Volunteer Experience

### Rutgers Day

New Brunswick, NJ

Chemistry Department

April 2018

- Positioned at the Density Column table, introduced and created density columns to anyone interested.
- Helped setup early morning for the Chemistry demonstrations happening during the day and broke down after the event was over.

## Extracurricular Activities

### Rutgers Esports

New Brunswick, NJ

Events Committee

November 2017 – November 2019

- Coordinated events such as Fireside Open and Scarlet Classic V, which had 700+ and 1,000+ attendees respectively.

Giveaways Manager

November 2017 – November 2019

- Handled products acquired from various sponsors and inventoried the products into categories.
- Distributed sponsorship products to clubs with tournaments and attendees at events with aid from a giveaway bot.

### Rutgers Rocket League Club

New Brunswick, NJ

President

October 2017 – November 2019

- Established club in October 2017, provisional status in October 2018, officially recognized by Rutgers University in March 2019.
- Hosted casual in-house nights and viewing parties for Rocket League Champion Series, Rocket League Rival Series, and Collegiate Rocket League.
- Cooperated with Fair Haven Middle School and played matches against middle schoolers passionate in the game and discussed the role of Esports at Rutgers.