

Rachel Penumadu

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Current Address

1817 Andy Holt Ave.
Knoxville, TN 37916

Permanent Address

12800 Big Horn Lane
Knoxville, TN 37934

Education:

University of Tennessee, Knoxville

Bachelor of Science candidate in Chemical Engineering

Expected Graduation Date: May 2021

Current GPA: 3.44

Farragut High School

High School Honors Diploma

GPA: 4.5/4.0

Knoxville, TN

August 2017 - Present

Knoxville, TN

August 2013 – May 2017

Work Experience:

Worked as a summer camp counselor for 8 week program

Asheville, North Carolina June-July
2016 and 2017

Job At frozen yogurt franchise (DiLishi Fro yo)

6 Months (Jan-May 2017)

Volunteer Experience:

Volunteer in church nursery

(2014-2017)

Local events around community such as fall festivals and 5ks

(2014-2017)

Love Kitchen

(2015, 2016)

Boys and Girls Club

(2015)

Activities:

Senior research project with Dr. Loffler Lab at the University of Tennessee, Knoxville: “Characterization of the growth condition and corrinoid biosynthesis in *Dechloromonas aromatica* Strain RCB” (1 semester fall 2016)

-Presented Research at Tennessee Junior Science and Humanities Symposium May 2017

Cross country member

(2014 and 2015)

Senior research study on Holocaust, humanities distinction

(spring semester 2017)

Student Government Association Representative

(2015, 2016)

National Spanish Honors Society member

(2015, 2016)

HOSA- Health Occupation for Students of America

1st place at regional level in public service announcement

(2015)

1st place at regional level in researched persuasive speaking

(2016)

National Honors Society

(2013-2017)

Key Club service club

(2013)

Participated in Nation Wide super school proposal “Project XQ” funded by Lauren Jobs, team made it into 3rd round of competition

(2015)

Farragut High School Orchestra member

(2014, 2015)

Knoxville Youth Symphony Orchestra member
University of Tennessee Medical Center Volunteer
iGEM research team member at University of Tennessee

(2014)
(January 2018-present)
(January 2018- present)

Honors/Awards:

Chancellor's Honors Program

University of Tennessee, Knoxville

Cook Grand Challenge Honors Program

University of Tennessee, Knoxville

Farragut High School Excellence in Science

May 2017

Graduated with recognition in the Humanities and Science Academy

May 2017