# Krishna Cheemalapati

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## SUMMARY

Dedicated computer science student with a passion for helping others succeed academically, with over 800 hours spent helping other students thrive. Excited to build these skills in the future.

## EXPERIENCE

**Intern and Team Leader (Yale Center for Analytical Sciences)**

**Yale University**                                                  **July 2020 - August 2020, New Haven, Connecticut, United States**

• Facilitated the creation and implementation of a summer program introducing students to biostatistics, data science, and R.

• Served as a team leader/peer mentor and directed 6 students to help present the results of a recent study.

• Coordinated with another intern to present survey data to Yale faculty evaluating program effectiveness due to its transition online because of the pandemic.

• Attended research clinics designed to empower researchers to create effective experiments and discover appropriate inferential and descriptive statistics to summarize results.

**Programming Intern**

**Seabury**                                                          **June 2019 - July 2019, Bloomfield, Connecticut, United States**

• Performed various tasks associated with the maintenance and development of the IT infrastructure at Seabury.

• Learned basic PHP, HTML, CSS, SQL, and other languages.

• Created and implemented a password-retrieval mechanism for the employee intranet.

• Researched options to enhance the security of Seabury's databases.

• Helped develop a testing platform to debug new code before deploying it on the production website.

## EDUCATION

**Bachelor of Science - BS, Computer Science**

University of Toronto • Toronto, ON • 2025

**High School Diploma**

Avon High School • Avon, CT • 2021 • 3.87 GPA

## CERTIFICATIONS

**Microsoft Certified: Azure AI Fundamentals**

**Building Modern Python Applications on AWS (Amazon, via Coursera)**

**Real-World Ethical Hacking: Hands-On Cybersecurity (via Udemy)**

**Introduction to Machine Learning (Duke University, via Coursera)**

**Inclusive Leadership: The Power of Workplace Diversity (University of Colorado at Boulder, via Coursera)**

## COURSEWORK

**Fundamentals of Management (MGT100)**

**Introduction to Statistical Reasoning and Data Science (STA130)**

**Enriched Introduction to the Theory of Computation (CSC240)**

**Foundations of Computer Science I and II (CSC110 and CSC111)**

**Calculus with Proofs (MAT137)**

**Linear Algebra I and II (MAT223 and MAT224)**

## INVOLVEMENT

**Recognized Study Group Leader**

University of Toronto • July 2021 - Present

• Organized weekly review sessions throughout the semester for a group of 6 students.

• Focused on enhancing students' understanding of course content in both MAT137 (Calculus with Proofs) and CSC110 (Foundations of Computer Science).

- Collaborated with other student leaders during a leadership training session to discover and apply proven collaborative learning techniques to increase participant engagement.

**Senior Tutor & Senior Moderator**

Summit Tutoring • May 2020 - October 2020

- Spent 800+ hours assisting high school and college students in numerous subjects, from basic algebra to calculus-based Newtonian mechanics and computer science.
- Also helped with standardized test preparation (i.e. SAT and ACT).
- Facilitated students' development of problem-solving strategies by explaining general approaches to various types of problems.
- Served as a member of the moderation team, ensuring other tutors' discourse with students remained professional and maintained a positive atmosphere conducive to learning.