

# Anmol Shrestha

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## EDUCATION

**LEHIGH UNIVERSITY**  
**BS IN COMPUTER SCIENCE**  
**MINOR IN PHYSICS**  
May 2021 | Bethlehem, PA  
College of Engineering  
Cum. GPA: 3.89 / 4.0  
Major GPA: 3.91 / 4.0

## LINKS

Portfolio:// [anmolshrestha.com](https://anmolshrestha.com)  
LinkedIn:// [shrestha-anmol](https://shrestha-anmol)  
Github:// [shresshres](https://shresshres)  
Twitter:// [@anmolshres](https://@anmolshres)  
Email:// [shrestha.anmol.as](mailto:shrestha.anmol.as)  
Lehigh Email:// [ans221](mailto:ans221)

## COURSEWORK

### UNDERGRADUATE

Design and Analysis of Algorithms  
Programming & Data Structures  
Database Systems & Applications  
Computer Organization Architecture  
Computers, Internet & Society  
Introduction to Data Science  
Operating System Design  
Web Systems Programming  
Software Engineering  
Probability & Statistics

## SKILLS

### PROGRAMMING

Fluent:

TypeScript • Python • JavaScript  
HTML • CSS • ReactJS • NodeJS  
SQL • NoSQL • Java

Familiar:

C • C++ • Rust • Matlab  
React Native • R

### TOOLS

MongoDB • Firebase • Expo  
Selenium • Scrapy • MERN  
Cypress • LDAMallet

## LANGUAGES

English • Nepali • Hindi • Urdu

## EXPERIENCE

### BENTLEY SYSTEMS | SOFTWARE DEVELOPMENT CO-OP

Aug 2019 – Jan 2020 | Philadelphia, PA

- Devised integration, end-to-end testing, managed project CI making it much more robust (Cypress, Jest)
- Created UI features for ProjectWise Web View system (ReactJS, TypeScript)
- Accomplished client needs with bug fixes and feature addition

### DAS LAB | UNDERGRADUATE RESEARCH ASSISTANT

Feb 2020 - Present | Lehigh University, Bethlehem, PA

- Implemented web crawlers for 11 different countries to extract their COVID-19 press releases (Python, Scrapy, Selenium)
- Set up automation to google translate huge amounts of text (Python, Selenium)
- Analyze text data using various data science techniques (Python, R, LDAMallet)

### CSE DEPARTMENT | TEACHING ASSISTANT

Jan 2019 – Present | Lehigh University, Bethlehem, PA

**Courses:** CSE002 (Fundamentals of Programming), CSE241 (Database Systems & Applications) and CSE252 (Computers, Internet & Society)

- Guided 100+ students with complicated course information and concepts
- Assisted with test administration, curriculum development, and grading

## LEADERSHIP

### OFYE | CAMP COUNSELOR AND EVOLUTION PEER LEADER

Mar 2018 - Sep 2019 | Lehigh University, Bethlehem, PA

Advised 70+ first-year students on successful transition to college

### OISS | INTERNATIONAL ORIENTATION LEADER

Apr 2018 - Aug 2019 | Lehigh University, Bethlehem, PA

Assisted acclimation of 100+ international students to their college experience

## HONORS

**Dean's Scholarship:** Lehigh scholarship awarded for 4 years of undergraduate study

**Dean's List:** Fall 2017, Spring 2018, Fall 2018, Spring 2019, Summer 2019

**Tau Beta Pi Engineering Honor Society:** Awarded to 5-10% of students in each class

**Martindale Student Associates Honor Program:** one of 12 students selected from 150+ applicants to conduct research on Lithium Mining in Argentina

**Phi Sigma Pi National Honor Fraternity:** Acceptance awarded to brilliant students

## PERSONAL PROJECTS

### BREAK - INSTALL

Developed and released chrome extension to put "debugger" on any webpage so that it pauses the page's execution

### CHECKFACT - INSTALL

Designed and published an extension for Chrome Web Browser to quickly fact-check through Snopes

### HOWTOSAY.LINK - VISIT

Simple Web Application that generates audio and shareable links to text pronunciations, built using the MERN stack