

Anmol Shrestha

anmolshrestha.com | linkedin.com/shrestha-anmol
shrestha.anmol.as@gmail.com | (484)747-3285 | ans221@lehigh.edu

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
Email:// shrestha.anmol.as
Lehigh Email:// ans221
Facebook:// shresanmol
Github:// shresshres
LinkedIn:// shrestha-anmol
Twitter:// @anmolshres

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 List: Fall 2017, Spring 2018, Fall 2018, Spring 2019, Summer 2019

Phi Sigma Pi National Honor Fraternity • Tau Beta Pi Engineering Honor Society
Martindale Student Associates Honor Program • Dean's Scholarship

PERSONAL PROJECTS

PPE4NYC - VISIT

Enhance Continuous Integration of the website using GitHub Actions with integration and end-to-end tests on Cypress

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