
EDUCATION

Princeton University, Princeton, NJ

Anticipated 06/2021

B.S.E in Computer Science, Certificate in Linguistics, GPA 3.4

Relevant Coursework: Data Structures and Algorithms, Principles of Computer System Design, Advanced Programming Techniques, Machine Translation, Economics and Computing

Horizons School of Technology, Manhattan, NY

06/2019 – 08/2019

Summer 2019 cohort member and fellowship recipient of the full-stack software engineering boot camp.

Focused on the MERN stack and worked through guided and unguided web development projects with help from senior engineers with extensive industry experience.

SKILLS

Technologies: Fluent – Python, Java, JavaScript

Familiar – HTML, CSS, jQuery, Flask, Express, Node, MongoDB, MySQL, Go, Git, GitHub, React, React-Native

Interests: Web Development, Natural Language Processing, hiking, singing.

Languages: Proficient – English, Nepali | Familiar – Sanskrit, Spanish

Leadership: SIFP Head Fellow | Davis International Center Leader | Outdoor Action Leader

EXPERIENCE

Software Engineer - Manamé, Kigali, Rwanda

06/2020 – 08/2020

- Worked with the Rwandan-based logistics startup company Manamé under Princeton University's summer eLab Accelerator program.
- Coordinated with two other software engineers to build the MVP shipper and carrier android apps. Used Redux, React-Native, and Google Firebase. ([Carrier App Demo](#))

Grader - COS126, Princeton, NJ

09/2019 – Present

- Grade the programming assignments, projects, and exams for Princeton's introductory Computer Science class. Mentor new graders and guide them through the grading process.
- Actively provide important written and video feedback to better the grading platform, rubric, and the grading system as a whole.

PROJECTS

Senior Independent Work, Princeton, NJ

09/2020 – Present

- Collected location and keyword-based tweets using Twitter's Streaming API to analyze the influence of American conversation on Nepali conversation.
- Performed time series regression of word frequencies and LDA topic modeling among others to look at the similarities and differences of conversations between the two countries. ([Github](#))

Pop!, Princeton, NJ

09/2019 – 01/2020

- Built a website intended for Princeton students to advertise, browse, and RSVP for campus events.
- Used Bootstrap, HTML, and CSS on the front-end; jQuery, Flask and Python on the back-end; MySQL for the database; and Git with Bitbucket for version control. Wrote programmer's guide and user's guide among other documentations. ([Programmer's Guide](#))

Lord of the Rings Script Analysis, Princeton, NJ

03/2019 – 05/2019

- Used supervised and unsupervised machine learning models to perform sentiment analysis, network analysis, and character prediction from dialogue in the Lord of the Rings scripts.
- Coordinated with three other team members to plan and present the project to a class of about two hundred students. ([Slides](#))