

# Karma Zoepa Yoezer

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## EDUCATION

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Connecticut College

New London, Connecticut

*Bachelor of Arts, Computer Science*

- GPA: 3.9
- Relevant Coursework: Data Structures, Discrete Math, Computer Organization, Algorithms, Data Science
- Publication: *Uncovering The Nature And Impact of Affective Feedback In Teaching And Learning*

## EXPERIENCE

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**SELISE** | *Jr. Software Engineer*

November 2020 - February 2022

- Lead the go-live of a resource management platform project, worth CHF 500,000, for Switzerland's largest retail company within a short duration of 3 months using Angular and REST API.
- Maintained and developed features for a wholesale internet selling portal for one of Switzerland's largest Telco company. Overhauled the 5 year code base from AngularJS to Angular in 6 months using Angular and GraphQL.
- Reduced time taken for new product addition from 1.5 months to 2 weeks. A reduction in time by almost 70%.
- Refactored multiple GraphQL queries to use fragments and directives to reduce query sizes
- Refactored the codebase to heavily integrate lazy loading, treeshaking and reduced the initial bundle size from 2mB to 900kB

**Pyoor** | *Freelance Developer*

February 2022 - January 2023

- Remote React Frontend Developer with \$4k+ earnings on upwork, maintained and developed features for a vendor booking platform.
- Integrated Typescript and Redux Toolkit in the project and developed multiple simulation graphs for vendors using apex charts and React.
- End to end delivery from requirement gathering with the client, validating requirements and implementing the features.
- Introduced unit & functional tests, using Jest, to increase test coverage from 0 to 10%

**Connecticut College** | *Research Assistant*

March 2020 - September 2020

- Co-authored a research paper on the impact of integrating Sentimental Feedback into classroom activities by analyzing data from two Computer Science courses using sentiment analysis in Python.
- Visualized feedback and sentiment graphs using Python Pandas, NumPy and Matplotlib.
- Built new features for discovery teaching, a web app to help facilitate interactive learning, using Rails and JavaScript

## PROJECTS

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**Zimchu** | *In progress*

Summer of 2023

- Bhutan's first apartment listing website with 200+ listings, 2k+ views and a meager 7 confirmed users
- Built the app using ReactTS, Supabase and Vercel SF
- Also built a really cool webscraper imo, it scrapes Facebooks API rather than the HTML Source and gets listings from facebook groups

**Kongtsey** | *Failure*

May 2020 - July 2020

- Built a test preparation web application, using ReactJS and Firestore, for the Bhutanese Civil Service exam
- Codebase is pretty horrible since it was my first project, had around 600 users from 7+ colleges

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, TypeScript, Ruby, HTML/CSS

**Frameworks:** Angular, ReactJS, ReactTS, React Native, NextJS, Firebase, GraphQL, REST

**Spoken Languages:** English, Dzongkha, Hindi, Nepali

## ACTIVITIES AND INTERESTS

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**ASIA:** Treasurer of ASIA. A club to promote equity and inclusion of Asians on campus

**Ultimate Frisbee:** Member of the ultimate frisbee club

**Robotics:** Treasurer of the robotics club