

CHAITANYA RISHI NALLAPAREDDY

Employment

EveryKey

Software Engineering Intern

Cleveland, OH

May 2020 to Oct. 2020

- Designed and implemented a support form that grabs all the required metadata of the customer and sends the issue tickets directly to a third-party service called FreshDesk. This helped service agents solve customer issues efficiently and in-turn boosted the number of tickets solved per day by 40%.
- Updated backend API to send personalized welcome emails to customers when they pair their Everykey device to their account.
- Fixed 200+ bugs on the marketing website and implemented numerous enhancements to improve the overall user-experience. Further, this has resulted in a 20% reduction in the website's response time.

Neural Cloud Solutions

Software Development Intern

Buffalo, NY

May 2019 to May 2020

- Developed multiple core components for an application called Bar-View that is a user-feedback based recommender system like yelp for bars in Buffalo, NY.
- Designed and implemented a subscription-based payment system that automates payments from bar-owners using Stripe.

University at Buffalo, SUNY

Teaching Assistant (Lead) - Algorithms Analysis and Design

Buffalo, NY

May 2019 to May 2020

- Held office hours and recitations twice every week for a class size of ~230 students.
- Created a support page for the Interval scheduling algorithm for students to understand the material better.

Projects

Kendra (*Hackathon winning project*) [NodeJs, Blender, Unity on Cloud]

- Kendra is a virtual reality chat-bot that can sync lips, make eye contact, and simulate hand gestures.
- It is integrated with YouTube API to create a seamless, immersive experience to make banking apps user-friendly and fun to use.

Guess The Word [NodeJs, Express, Socket io, webRTC, AWS - Dynamo DB, JavaScript, HTML, CSS, Bootstrap]

- Guess the Word is a video call integrated game based on catch-phrase. It includes multi-user video conferencing and has real-time chat built-in.
- Users can create/join rooms with their friends to play the game. They can even save rooms to not have the hassle of creating one each time.

Smoodify [NodeJs, Express, JavaScript, EJS, HTML, CSS, Bootstrap]

- Smoodify is a music personalizer that recommends songs based on your current mood.
- It uses Spotify's Web API to fetch genre seeds, find artists, and get recommendations.
- Lastly, it allows users to play songs directly from the app instead of playing them from Spotify.

Smart City Finder [Django, Keras, JavaScript, HTML, CSS, Bootstrap]

- A Multi-layered Neural Network application that helps candidates choose the most logical option when they have offers from multiple different companies from different locations.

Interpreter [OCaml]

- Developed an interpreter from scratch, that executes various math and logical operations (addition, multiplication, comparison, concatenation etc.) on different data types for a small, OCaml-like, stack-based bytecode language.

Candy Crush [Java]

- Built a clone of candy crush with similar functionality using Java using model-view separation combined strong software engineering practices.

Contact

✉ chaitanya167@gmail.com

🌐 ChaitanyaRishi.github.io

☎ 7165631919

📍 Cleveland, OH

in

<https://www.linkedin.com/in/chaitanyarishi/>

🔗 ChaitanyaRishi

Education

University at Buffalo, SUNY Dec. 2020

B.S. Computer Science

Skills

PROGRAMMING LANGUAGES

Java

C++

JavaScript

HTML/CSS

SQL

FRAMEWORKS & TOOLS

NodeJs/Express

Django

React

AWS

Heroku

git

MongoDB

Bash Scripting

Visual Studio