

Julian Lechner

281 Dr. Martin Luther King Jr. Blvd
Newark, NJ 07102

jll38@njit.edu | github.com/jll38 | linkedin.com/in/julianllechner

609.846.5094

EDUCATION

New Jersey Institute of Technology – Ying Wu College of Computing

Newark, NJ

Bachelor of Science in Information Technology; Mobile & Web Minor

Class of 2024

- Cumulative GPA: 3.6
- Achieved Dean's List all semesters
- Relevant Coursework: Building Web Applications, Introduction to Website Development, Database Design Management and Application, E-Commerce Technology, Internet Applications, Adv Website Development, Designing the User Experience, Analysis & System Design, Ethical Hacking For System Admins

PROJECTS

Reask Bank

Full Stack Banking Application

- Developed a full-stack web application using ReactJS and Flask, serving as a banking application that allows users to log in, make deposits/withdrawal, and view transactions.
- Implemented React Router and ChakraUI for front-end routing and UI design, respectively
- Designed and implemented a secure authentication system using Flask-Login

CVKraft

Resume Builder Web Application

- Innovated the design and implementation of a web application that generates personalized resumes, providing users with an effortless and seamless experience.
- Conceptualized and developed the application's frontend with HTML, CSS, and React, streamlining the process of generating quality resumes.
- Ensured a high level of usability and user satisfaction by rigorously testing and refining the user interface

React-Flask-Youtube-DL

Web Application for Downloading from Youtube

- Designed and developed a highly functional web application for downloading YouTube videos using ReactJS for the frontend with Python Flask and NodeJS for the backend.
- Created an intuitive interface with a user-friendly design and responsive layout to enhance the user experience.
- Integrated third-party APIs and libraries to ensure seamless functionality and efficient video downloading.

LEADERSHIP

Phi Sigma Kappa Fraternity

Newark, NJ

New Member Inductor

Feb 2022 – Current

- Developed and executed an Associate Member Education Plan, leading to increased member engagement and retention
- Facilitated weekly associate member meetings, fostering a sense of community and collaboration
- Formulated and managed event budgets, ensuring efficient use of resources and maximizing the number of events hosted

KEY SKILLS

- Building and optimizing web applications using web programming languages, such as HTML, JavaScript, PHP, and CSS
- Knowledgeable in JavaScript frameworks such as React, enabling efficient and streamlined development of complex web applications
- Programming with modern programming languages such as Python, C++, C#, and Java
- Experienced with essential DevOps tools such as Docker, and Git, ensuring seamless and efficient deployment and maintenance of web applications
- Familiarity with RESTful APIs and web services
- Upgraded and maintained web applications, ensuring seamless and efficient deployment and maintenance
- Strong analytical, problem-solving, and troubleshooting skills, enabling efficient and effective resolution of technical issues
- Utilized Bootstrap and other libraries to streamline the development of responsive and user-friendly web applications
- Experienced with web and server frameworks/libraries such as Flask, Django, and Express, enabling efficient and streamlined development of complex web applications
- Proficient in initializing and managing services using Docker Compose to orchestrate multiple containers for seamless deployment and testing of web applications, resulting in efficient and streamlined deployment of web applications.
- Well-versed in using command-line interfaces and working with Unix-based operating systems
- Deep understanding of Agile software development