Intern Quest

Project Team:

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Leo Daiuto
Ravza Nur Aksoy Eren

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Problem Statement and Project Overview

Problem Statement

Every year students from the most renowned colleges in the country are denied their dream internship as they seek to embark on their professional careers. For example, The Pennsylvania State University is the school that is known to have the largest Alumni Association in the country, with more than 740,000 Penn State graduates and 90,000 Smeal alumni. As advertised by the school, “The strength of the Penn State alumni network lies not just in the numbers but also in the high level of engagement and loyalty of its members” [1]. Penn State alumni are placed in some of the most successful companies in the world with an overwhelming desire to help Penn State students follow in their footsteps. Yet, students receive the same rejection emails year after year when applying for internships. Why? Many college students, especially those who are first-generation, underrepresented, or have diverse interests, do not know how to present themselves strategically and well to employers. The first step to getting an internship is having a high-quality, targeted resume that can pass the first stage of screening. 90% of Fortune 500 Companies use Applicant Tracking Systems (ATS) to manage high volumes of job applications. ATS will electronically scan your resume, score your qualifications based on the description for that position, and rank your application. Recruiters rely on them to make their screening process more efficient and 75% of candidates are “phased out of consideration” because they don’t pass a screening [2]. We asked data science major Dylan Rivard (he/him) how he thinks his resume stands up against the competition and he responded, “I tend to be better in classes and have more experience than my peers, and yet I seem to get rejected from all my internship applications. I feel like others have an edge on me.” Currently, the application process is very undemocratic as students who know how to leverage ATS have an advantage over other students regardless of merit. Once students pass the ATS scanners and are awarded an interview, students struggle with providing favorable answers to questions as well as portraying good presentation and interpersonal skills. To put numbers into a larger perspective, there are only 100,000 students across all Penn State campuses, but over 20 million college students enrolled in the US alone and 235 million students worldwide, a number that has continued to rise. It is clear that the rapid evolution of technology made the urgency of the issue more prevalent than ever.

What is currently out there?

Limitations of Existing Solutions

The first destination that a job seeker is likely to encounter while starting the "self-presentation" process is resume builder tools such as resumeworded or myperfectresume. While some existing resume builder tools may offer general basic guidance on formatting, they often assume that the user already possesses the skills needed to present themselves well to create a compelling and impactful resume. This can be a significant limitation, as not everyone is well-versed in crafting strong bullet points or showcasing their achievements effectively. Additionally, many resume builders lack the ability to personalize the resume to a specific job or industry, resulting in generic and unimpressive resumes that fail to grab the attention of potential employers. Many of them let recruiters aid with crafting the resume, but it is usually extremely expensive. As a result, job seekers feel frustrated about how to create a resume that truly sets them apart from others.

With the recent advancements in artificial intelligence (AI), some people might use chatbots like ChatGPT to help them craft compelling resumes. While AI can certainly offer valuable insights and guidance, there are significant limitations to relying solely on a text-based chatbot. For one, it can be inconvenient and time-consuming to interact with just a text box as it is limited to just text. Additionally, AI technologies can often hallucinate (provide a confident response with false information) which can cause massive problems. More importantly, it can be extremely time-consuming to decide what and how much input to give to the prompt, as well as crafting the prompt to the chatbots to get the ideal output.

Although large companies such as LinkedIn and Indeed have some additional tools to help with resume building, these tools are extremely low quality. Additionally, we do not see them as direct competition as their goals and purpose as a company are clearly distinct from ours. For instance, LinkedIn is a social media platform, while Indeed specializes in providing job listings. Rather than competition, we see these companies as an opportunity for licensing our product and potentially offering our service to them. Notably, they also have a much broader scope, and we see our solutions to be complementing them rather than working against them.

There must be a solution !

Proposed Solution

Crafting tailored resumes that stand out from the competition is crucial for landing an internship. As Ravza Nur Aksoy Eren of Penn State Career Services noted, "If students had a tool to help create catered resumes efficiently, I think it would go a long way for them. A good compliment to that tool would be a way for students to practice interview questions and get feedback on their responses." Our solution, Intern Quest, provides exactly that. With Intern Quest, users can create personalized and catered resumes that are formatted to pass ATS screening and best present the user's experiences to the specific position.

Our app takes in creative input such as previous experiences, skills, education, and the job description to ensure that the resume is tailored to the user and the position they are applying for. The guided session feature allows users to enter information easily with layman's terms. Our application emphasizes ease of use, as the input can be voice or text, and users do not worry about formatting or professionalizing. In addition, the app provides an interview preparation tool that simulates real interviews with questions catered to the user's preferences and resume. The tool provides AI feedback to evaluate the content and accuracy of the user's responses and presentation metrics such as filler word detection, pace analysis, and gesture detection. Users can update their information or create a new resume for a different position anytime. With Intern Quest, users can feel confident in their resume and interview skills, giving them a competitive edge in the internship application process.

Intern Quest has the potential to make a significant impact on the internship application process by providing users with a tool to create resumes that are specifically designed using AI to be the best possible resume that that person can send to that specific job. Using this app, college students will receive more interview offers than before, and hiring managers will get better quality talent. Intern Quest unlocks new potential in college students who before lacked the expressiveness needed to pass ATS scanners.

"I don't understand why I keep getting rejected, my resume looks great"

- said every college student ever

Intern Quest

Solution Use Cases

Use Case

Imagine a first generation computer science student Justin who is swamped with school work stressed by the pressure of finding an internship. Justin is a stellar student with relevant projects to show that he is making good use of his time. Justin was worried his resume would not meet the standards the companies were looking for but when it comes time to apply for internships, he sends in the same resume for all 50 positions, because what college student has time to make 50 resumes while balancing a full class schedule? There was no surprise when Justin started to receive the same rejection email for all his applications, but Justin was lucky to receive one interview. He knows that he needs an internship to secure a job once he graduates, and with only one chance with one company, it is imperative that he does well on the interview. Unfortunately Justin bombed the interview and showed very low confidence speaking with filler words and pauses in almost every sentence.

The following year, Justin is recommended to use Intern Quest, and was astonished when he realized he could appear as a more marketable and competitive prospect with his 50 distinct resumes. Justin goes on to receive multiple interviews and practices using Intern Quest's interview prep tool. Two weeks later, Justin landed his first offer.

From first-time applicants to veterans, the use cases for Intern Quest are endless. Intern Quest levels the playing field to ensure all students have a fair shot at receiving an internship at their dream company.

Is it just Justin?

Testimonies

Intern Quest has continued to receive positive feedback as we continue in our process of iterative validation. We want to ensure that the tool we envisioned is exactly what the students are getting.

Shakeb Siddiqui (he/him) - Computer Science Student

When asked about his thoughts on Intern Quest:

“Looking for software engineering internships is a complex and time-consuming task, and I can see Intern Quest streamlining the process making it easier for students like me to find an internship."

A survey we conducted with undergraduate students

The results found that 75% of students did not know what an ATS is.

A Trane Technologies Recruiter at PSU Career Fair

When asked: What superpower should a student acquire to land an internship ?

"I think one of the biggest mistakes many students keep making frequently is not tailoring their resume for the job they are applying for. Students need to pay more attention to the importance of targeted resumes. Targeting your resume helps you pass the scans and lets the employer know you're a right fit in the position context"

Ravza Nur Aksoy Eren of the Penn State Career Services

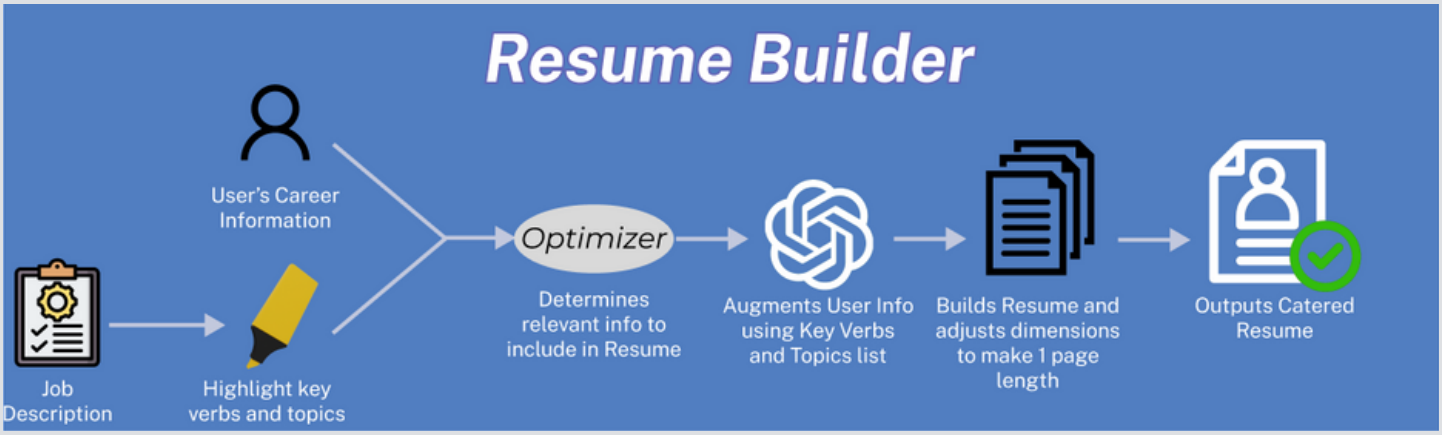
When asked about a powerful use case for Intern Quest:

"Especially for students in fields, for example, computer science or that have multifaceted interests, it's very, very crucial to customize the resume for the job you're applying for."

How is it possible?

Technology

Intern Quest will be a full-stack web application that captures the entire process for college students for getting an internship: from applications to acceptance. For our frontend/backend technology, we've decided to use Next.js [4], which is a React-based framework that allows developers to easily build scalable web applications. It provides a variety of benefits, such as server-side rendering (SSR) for fast loading time of web pages and improvement of search engine ranking. It's important to note that while we are designing our backend infrastructure, the security of user information will be a top priority. Intern Quest's primary focus is a dynamic resume builder, that takes a user's total career information and a job description as input, and from that outputs a tailored resume. To achieve this functionality, there are three separate steps within the app: pre-processing, augmentation, and post-processing. Pre-processing covers the conversion of user input into language that the model can understand, and it selects the relevant information to be used in the resume. Augmentation is what transforms the brief descriptions of the user experiences into bullet points that are catered to the job description. Post-processing takes care of converting the augmented resume information into a PDF document that the user can use for job applications.

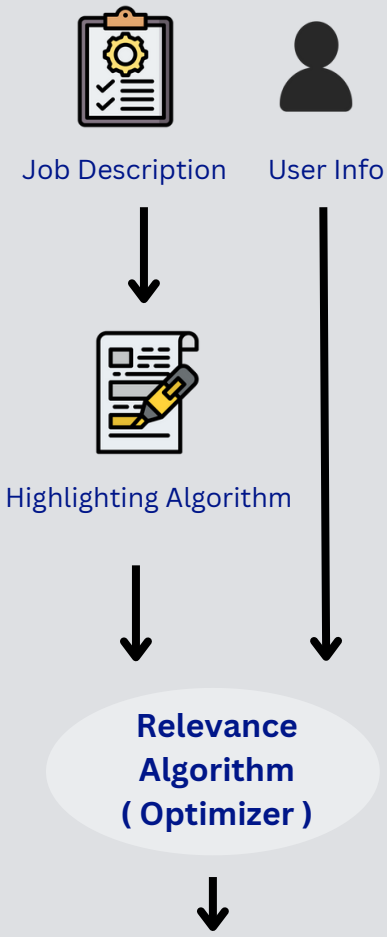


Pre-processing

In pre-processing, the first step is to collect the user information. It's important to note that for the information that users enter, they are encouraged to give only the important information and to not worry about how professional the information they provide us is; our application will do that work for them. Additionally, the job description that they input is parsed with an algorithm that extracts the important action verbiage, nouns, and the position they are applying for.

When a certain user applies for a position, they might have more information than necessary to put on just a single page resume. Furthermore, certain users might have significantly less information than others. That's where our Optimizer algorithm comes in. The algorithm first feeds in some of the job information and a list of all the user's experiences, projects, skills and more into a prompt for a natural language processing AI that is meant to order all the experiences, skills and more by priority. We do this so that, for users with more than enough information, it will know what information to give priority to in the resume, and to have for that specific job application. Additionally, this Optimizer algorithm determines if a user needs more information than they have. It is here where it is decided how many bullet points to give for each experience, so it is ensured that the user's information fits on a single page, or so that it can actually fill up a whole page.

The last part of pre-processing is selecting which data is actually passed to the bullet point creator. Some information in list format, like skills or certifications, remains untouched by AI. Important information like the descriptions for work experiences and volunteer work though is given to GPT again to be augmented.



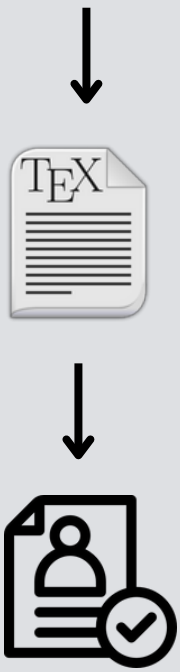
Augmentation Process

Intern Quest will use user information and language from the job description to craft tailored bullet points for a resume that is specifically catered to the desired job position. The GPT-3.5-Turbo API [5] can analyze the concise job language we input along with the user's information and generate catered bullet points that will stand up to the ATS scanner and stand out to hiring managers. The advantages of the GPT-3.5-Turbo API include its ability to generate high-quality, human-like text that is tailored to the user's specific needs, resulting in a more effective and convincing resume. However, it is essential to carefully craft the prompt used by the API to ensure that it does not infer any information about what the user did in each experience. Although we currently leverage GPT-3.5-Turbo API for resume augmentation, we have built our system with the flexibility to pivot to other language models as necessary, including open-source models or even building our own. By maintaining this flexibility, we ensure that we can consistently provide a tool to job seekers that helps them stand out from the competition and secure their desired jobs. After receiving a response, we parse through this string to retrieve the bullet points to be used for each user experience and then send the full resume data to the post-processing algorithms.

Post-processing

Finally, after acquiring all the information to be used for the resume, Intern Quest has to actually produce the resume document. To create the resume we utilize LaTeX [6], a system that is a markup language that handles typesetting and rendering. Currently, we have a single LaTeX template that the information gets plugged into to produce a resume. If needed, based on the length of the output resume, the margins are adjusted so that the information fits tightly. As we expand, we plan to offer more LaTeX templates for users, but our main focus for now is the content of the resume. The post-processor looks at all the objects sent to it and based on each's name, it converts that specific information into pieces of LaTeX that will be combined and constructed into the resume template document. After the entire LaTeX is produced, the LaTeX is converted to a PDF so that users can view the resume in the browser, or save it to be printed or uploaded.

Fully Processed Content

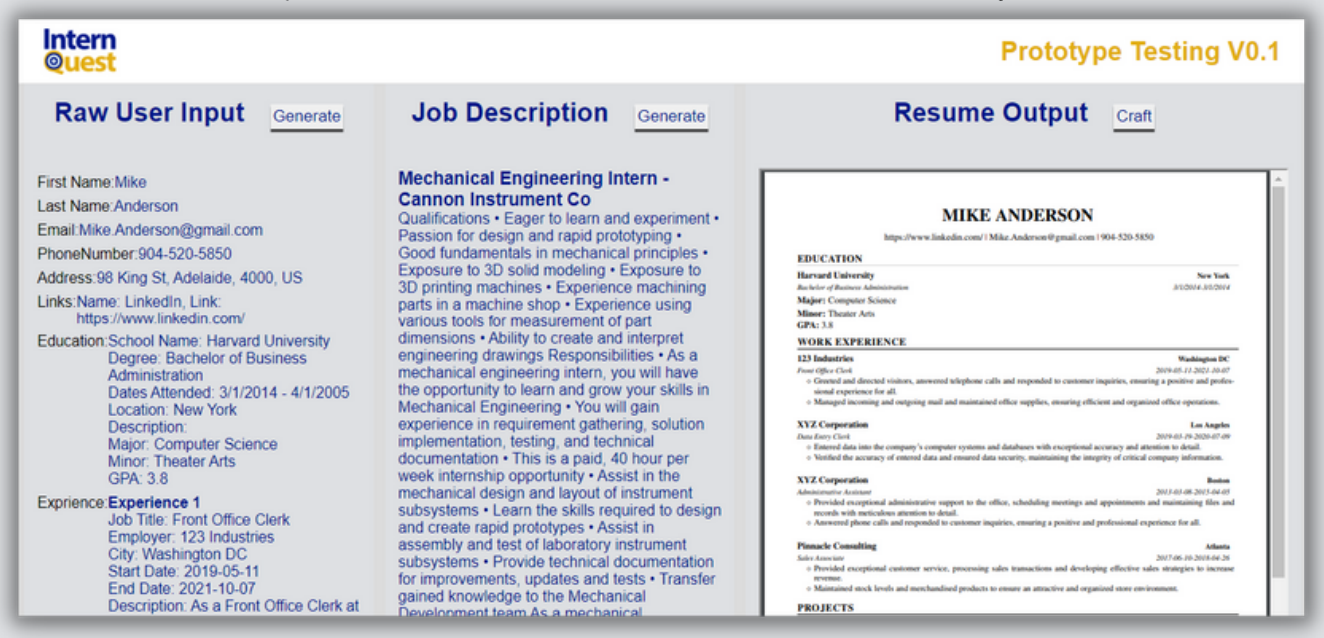


Current Progress

*As of right now our team has **finished a functional prototype for the targeted resume builder** as described in the technology section*

Here we have a function that generates what a raw random user input would look like

Here we display what the final resume result after running our tool with the user input and the job description



Here we have a function that generates a random job description

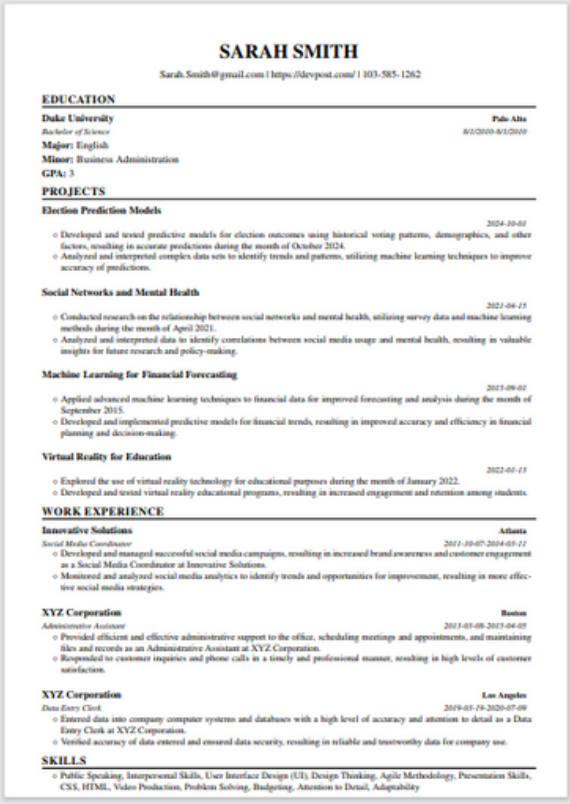
(Click to see Resume)

Tailoring a Resume Example: Sarah Smith

(Same user, different job)

For a Data Science internship

(Click on resume or button below to view)



SARAH SMITH

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EDUCATION

Duke University — **Palo Alto**

Bachelor of Science — *8/1/2010-8/1/2010*

Major: English

Minor: Business Administration

GPA: 3

PROJECTS

Election Prediction Models — *2024-10-01*

- Developed and tested predictive models for election outcomes using historical voting patterns, demographics, and other factors, resulting in accurate predictions during the month of October 2024.
- Analyzed and interpreted complex data sets to identify trends and patterns, utilizing machine learning techniques to improve accuracy of predictions.

Social Networks and Mental Health — *2021-04-15*

- Conducted research on the relationship between social networks and mental health, utilizing survey data and machine learning methods during the month of April 2021.
- Analyzed and interpreted data to identify correlations between social media usage and mental health, resulting in valuable insights for future research and policy-making.

Machine Learning for Financial Forecasting — *2023-09-01*

- Applied advanced machine learning techniques to financial data for improved forecasting and analysis during the month of September 2015.
- Developed and implemented predictive models for financial trends, resulting in improved accuracy and efficiency in financial planning and decision-making.

Virtual Reality for Education — *2022-01-15*

- Explored the use of virtual reality technology for educational purposes during the month of January 2022.
- Developed and tested virtual reality educational programs, resulting in increased engagement and retention among students.

WORK EXPERIENCE

Innovative Solutions — **Atlanta**

Social Media Coordinator — *2011-10-07-2014-03-11*

- Developed and managed successful social media campaigns, resulting in increased brand awareness and customer engagement as a Social Media Coordinator at Innovative Solutions.
- Monitored and analyzed social media analytics to identify trends and opportunities for improvement, resulting in more effective social media strategies.

XYZ Corporation — **Boston**

Administrative Assistant — *2013-05-08-2015-04-05*

- Provided efficient and effective administrative support to the office, scheduling meetings and appointments, and maintaining files and records as an Administrative Assistant at XYZ Corporation.
- Responded to customer inquiries and phone calls in a timely and professional manner, resulting in high levels of customer satisfaction.

XYZ Corporation — **Los Angeles**

Data Entry Clerk — *2019-05-19-2020-07-09*

- Entered data into company computer systems and databases with a high level of accuracy and attention to detail as a Data Entry Clerk at XYZ Corporation.
- Verified accuracy of data entered and ensured data security, resulting in reliable and trustworthy data for company use.

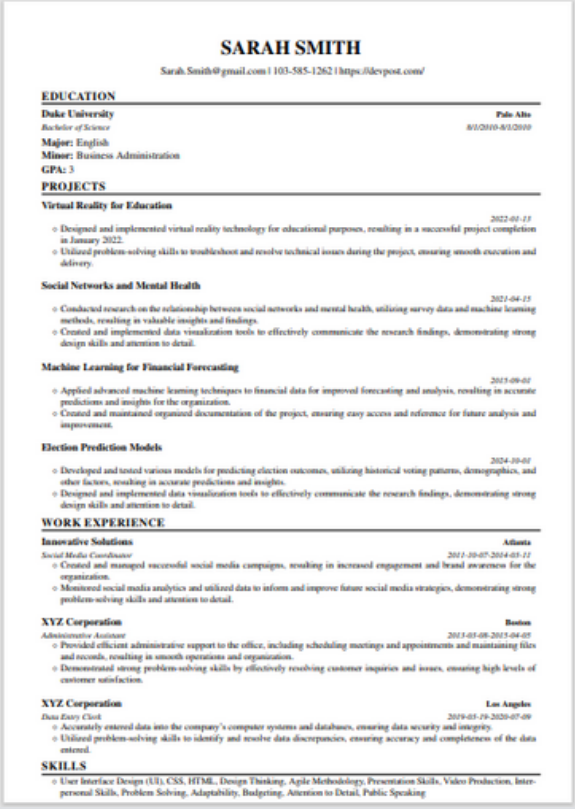
SKILLS

- Public Speaking, Interpersonal Skills, User Interface Design (UI), Design Thinking, Agile Methodology, Presentation Skills, CSS, HTML, Video Production, Problem Solving, Budgeting, Attention to Detail, Adaptability

(Click to see Resume)

For a front-end internship

(Click on resume or button below to view)



SARAH SMITH

Sarah.Smith@gmail.com | 103-585-1262 | https://devpost.com/

EDUCATION

Duke University — **Palo Alto**

Bachelor of Science — *8/1/2010-8/1/2010*

Major: English

Minor: Business Administration

GPA: 3

PROJECTS

Virtual Reality for Education — *2022-01-15*

- Designed and implemented virtual reality technology for educational purposes, resulting in a successful project completion in January 2022.
- Utilized problem-solving skills to troubleshoot and resolve technical issues during the project, ensuring smooth execution and delivery.

Social Networks and Mental Health — *2021-04-15*

- Conducted research on the relationship between social networks and mental health, utilizing survey data and machine learning methods, resulting in valuable insights and findings.
- Created and implemented data visualization tools to effectively communicate the research findings, demonstrating strong design skills and attention to detail.

Machine Learning for Financial Forecasting — *2023-09-01*

- Applied advanced machine learning techniques to financial data for improved forecasting and analysis, resulting in accurate predictions and insights for the organization.
- Created and maintained organized documentation of the project, ensuring easy access and reference for future analysis and improvement.

Election Prediction Models — *2024-10-01*

- Developed and tested various models for predicting election outcomes, utilizing historical voting patterns, demographics, and other factors, resulting in accurate predictions and insights.
- Designed and implemented data visualization tools to effectively communicate the research findings, demonstrating strong design skills and attention to detail.

WORK EXPERIENCE

Innovative Solutions — **Atlanta**

Social Media Coordinator — *2011-10-07-2014-03-11*

- Created and managed successful social media campaigns, resulting in increased engagement and brand awareness for the organization.
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XYZ Corporation — **Boston**

Administrative Assistant — *2013-05-08-2015-04-05*

- Provided efficient administrative support to the office, including scheduling meetings and appointments and maintaining files and records, resulting in smooth operations and organization.
- Demonstrated strong problem-solving skills by effectively resolving customer inquiries and issues, ensuring high levels of customer satisfaction.

XYZ Corporation — **Los Angeles**

Data Entry Clerk — *2019-05-19-2020-07-09*

- Accurately entered data into the company's computer systems and databases, ensuring data security and integrity.
- Utilized problem-solving skills to identify and resolve data discrepancies, ensuring accuracy and completeness of the data entered.

SKILLS

- User Interface Design (UI), CSS, HTML, Design Thinking, Agile Methodology, Presentation Skills, Video Production, Interpersonal Skills, Problem Solving, Adaptability, Budgeting, Attention to Detail, Public Speaking

(Click to see Resume)

- The presentation and wording of content for both resumes are much different as each utilized the job description's language.
  - In the front-end resume, the content had an emphasis on "designing", "developing", "creating", "implementing", and "problem-solving".
  - In the data science resume, the content had an emphasis on "analyzing", "interpreting", "monitoring", "presenting", and "data".
- Another key difference in those resumes is the hierarchy of information presented
  - The skills are ordered by the job need, and very irrelevant ones were omitted.
  - The order of the projects was picked based on how relevant it is to the position being applied for.
- ***Both resumes are tailored perfectly to their respectivee position's ATS.***

But wait, there's more!

Current Progress: Interview Prep Tool

Our team previously developed an interview prep tool, and we see it as a natural extension of our resume builder tool. The tool creates interview questions tailored to the user's desired job and resumes, using their data to generate personalized interview scenarios that match the requirements of the position. Currently, the tool asks users what job they are applying for and how many interview questions they would like to practice. From there, we utilize NLP to generate questions personalized to that job. After a user completes the interview, we use a variety of analysis techniques that leverage artificial intelligence to provide specific feedback on their performance. We give feedback on their pacing, filler words, gesture usage, facial expressions, and the quality of the responses to the questions. To do this, we use speech-to-text, various TensorFlow computer vision models, and natural language processing. Our next goal for the interview prep tool is to incorporate interview prep into our current application for resumes. Users will be able to practice interviews for each job they apply for. Furthermore, we will utilize their catered resume to help with question generation to make the experience as realistic as possible.

(Click to watch a 50 second demo)

User Interface

Ensuring an application's appealing aesthetics is crucial in captivating the target audience's attention and retaining their interest. It's important that users not only want to use the application but also feel encouraged to keep using it. To address the need for a top-notch user interface, we have started working on an initial user interface that we will integrate into the existing website and connect with the backend. To enhance the user experience, we will regularly collect feedback from a pool of users to better understand their needs and expectations. We plan to do this bi-weekly to ensure the application aligns with their interests and create an MVP that caters to user needs. Additionally, we will continue to monitor user engagement and consumability for the application by analyzing feedback, usage statistics, and behavior. This will help us identify areas of improvement and strength to refine the user experience and make the application more accessible for users.

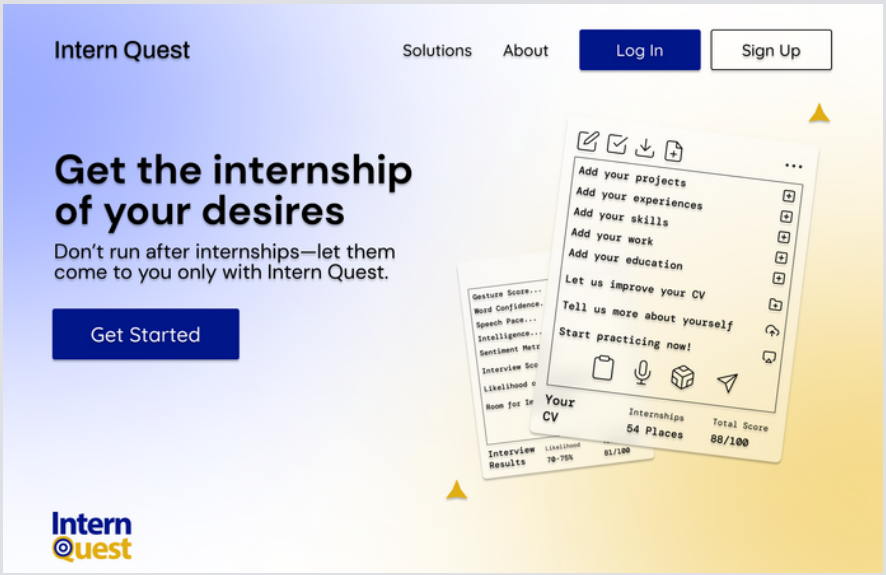
The user interfaces in the following section are intended to be as straightforward as possible so that users don't get frustrated when inputting their initial input or through other interactions. This emphasis on ease of use, clarity, and simplicty for users can be seen throughout the application, from our dashboard to input collection. We take user's through each input section in an engaging and simple way so that they present us the best information they can so we provide them the best user experience and resumes.

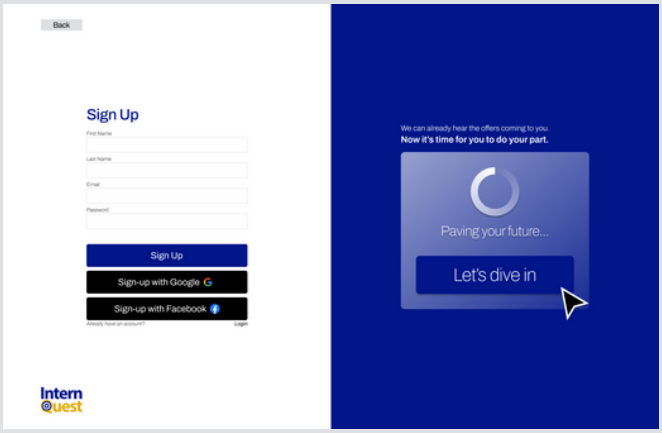
How is it looking so far?

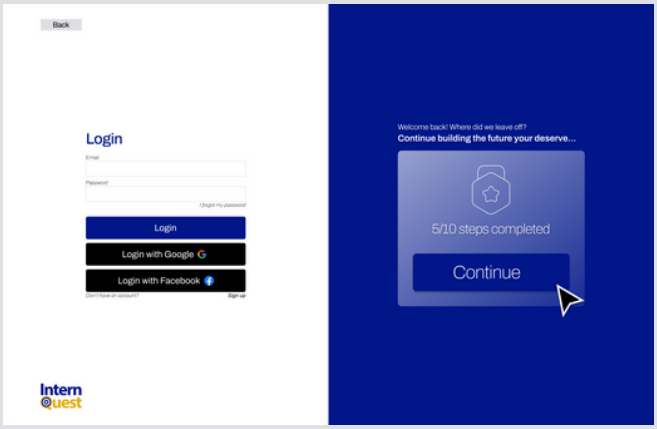
The Entrance

Welcome to Intern Quest!

Understand about us and the app with the landing page





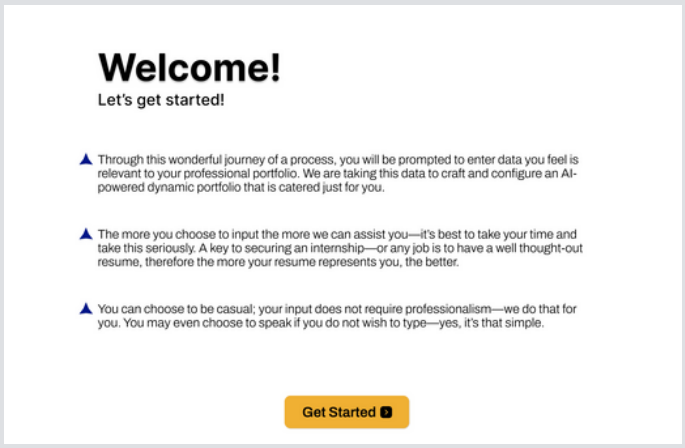


First-time users will be directed to the initial input, so the app gathers information about them

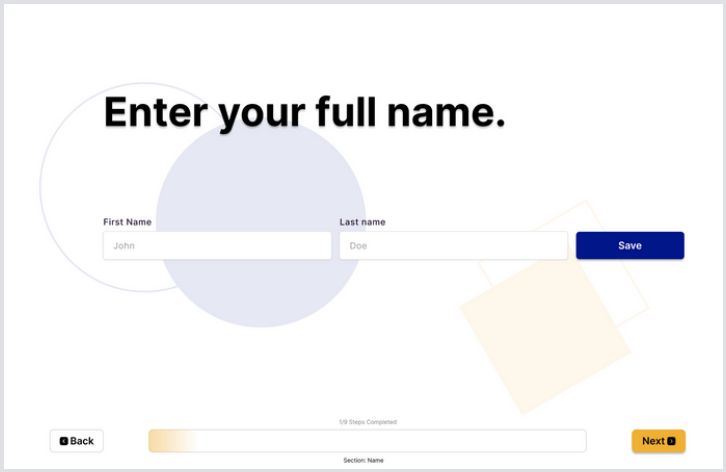
Users that finished their initial input will be directed to the dashboard, while others will be directed to where they left off in the input

Initial Input Next

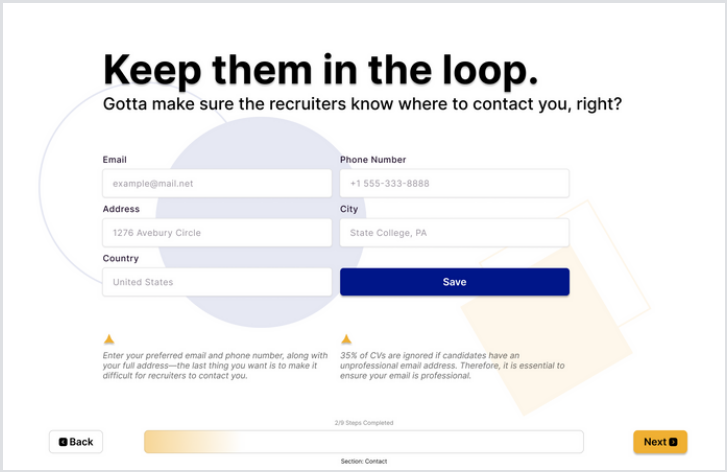
Input Flow



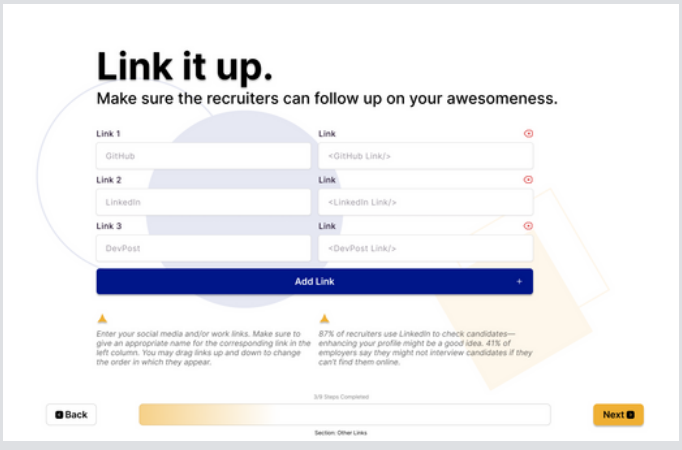
Clarity!



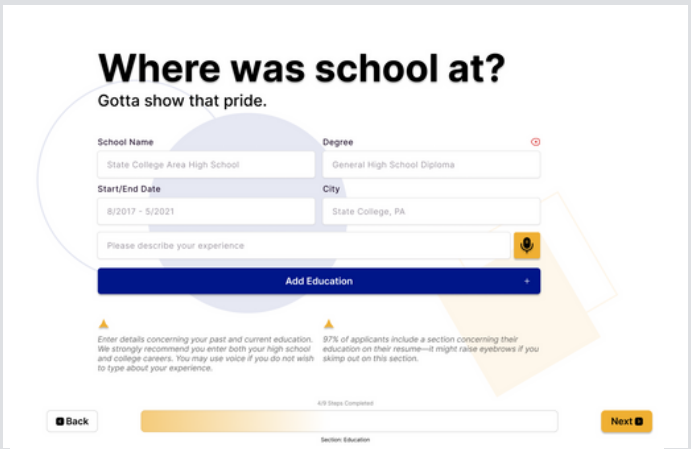
Simplicity!



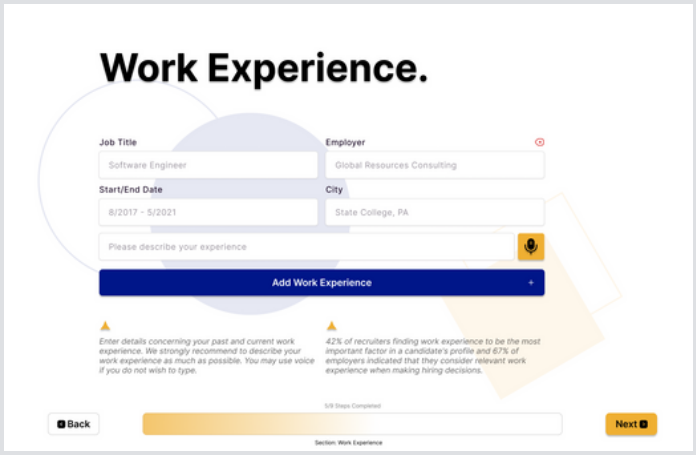
Engaging!



Encouraging Stats!

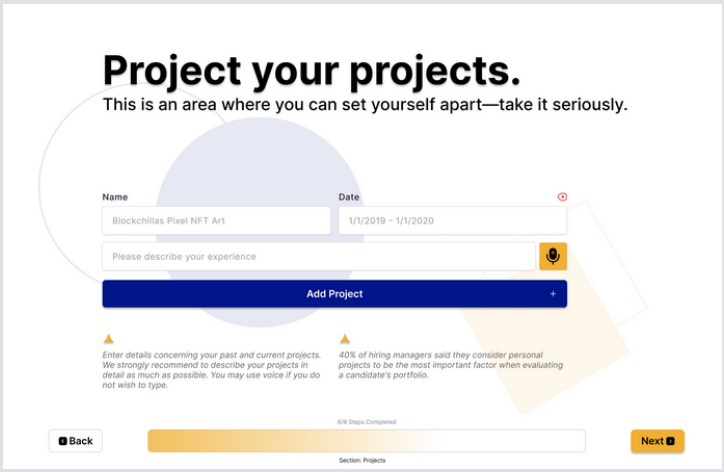


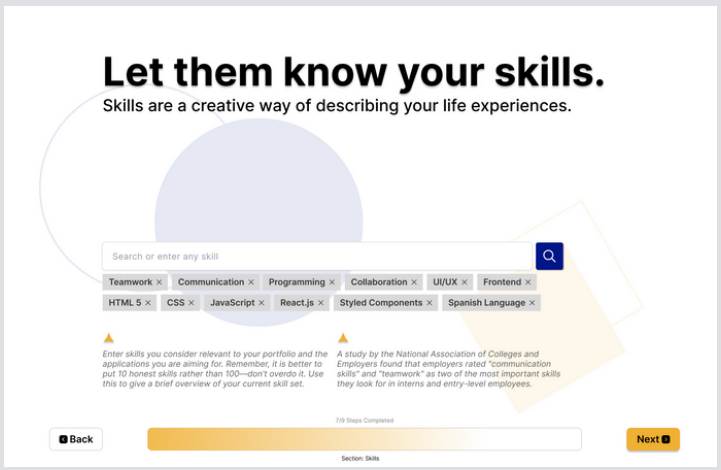
Bored of typing? just talk.



Don't Bother formatting, we got that!

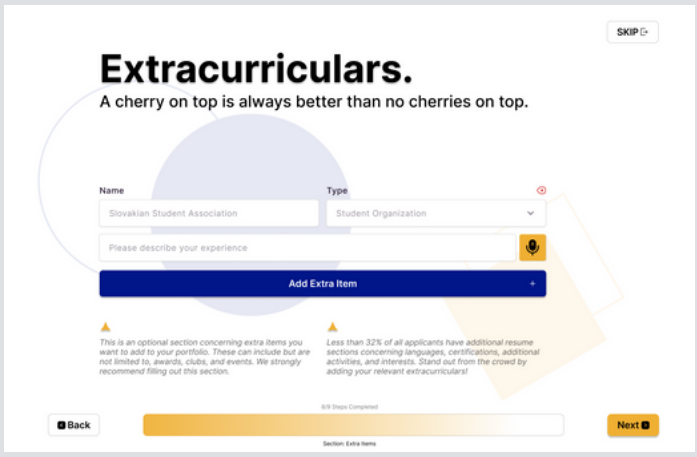
Explain it like your talking to a friend!

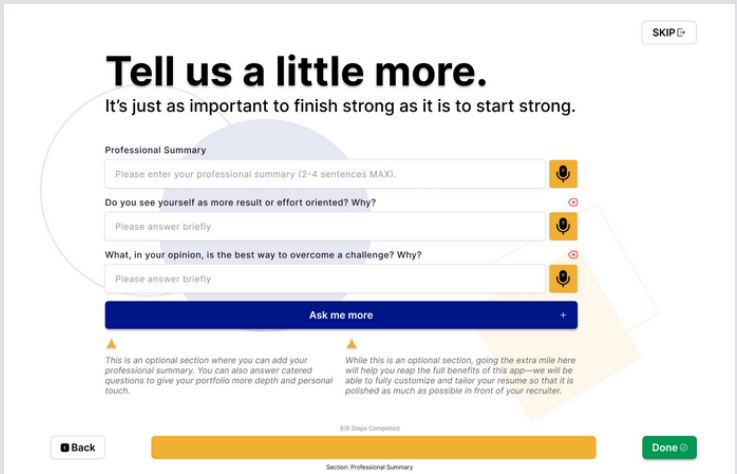




Do it once, use it a thousand!

Answer additional questions related to your input to help us present the best of you.

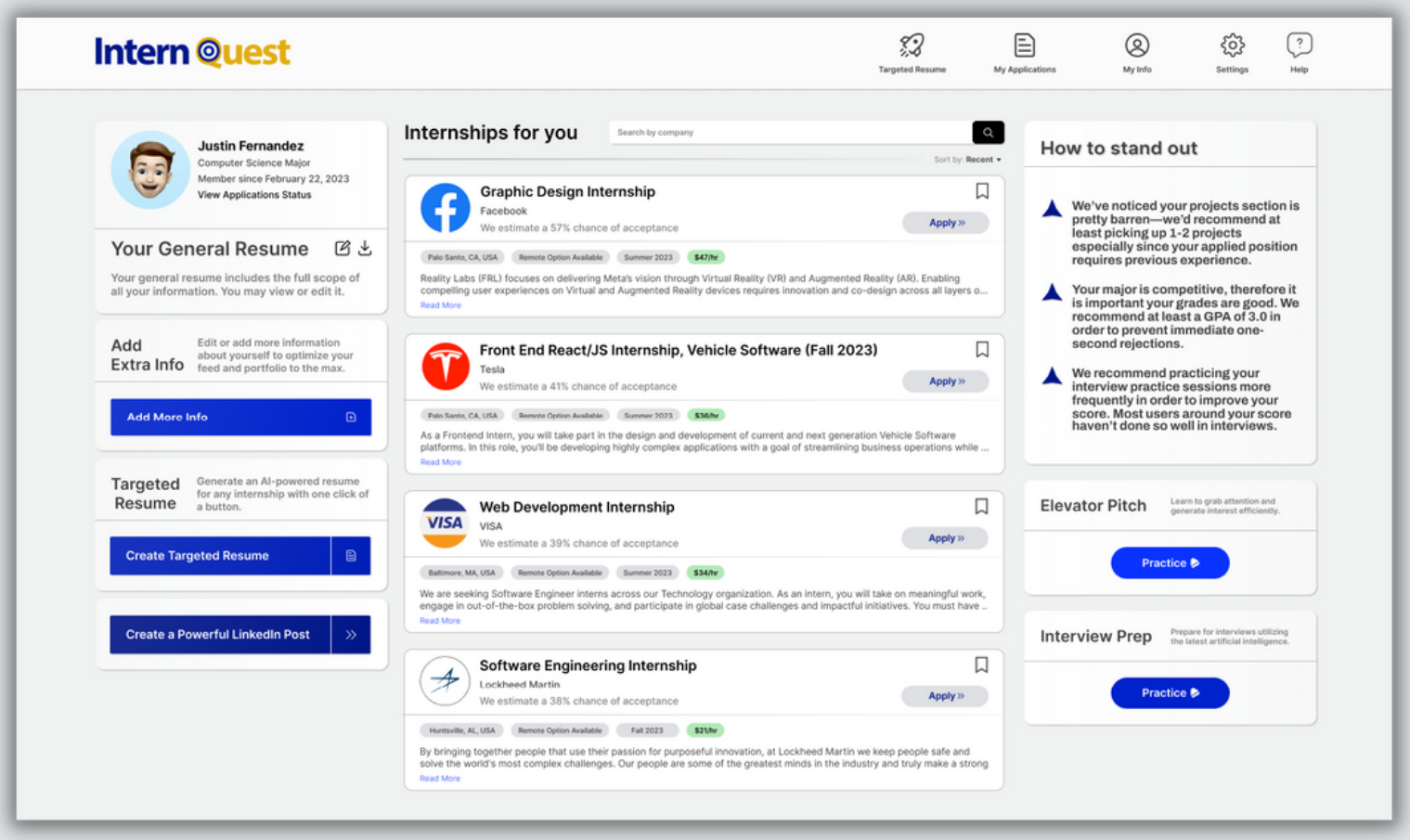




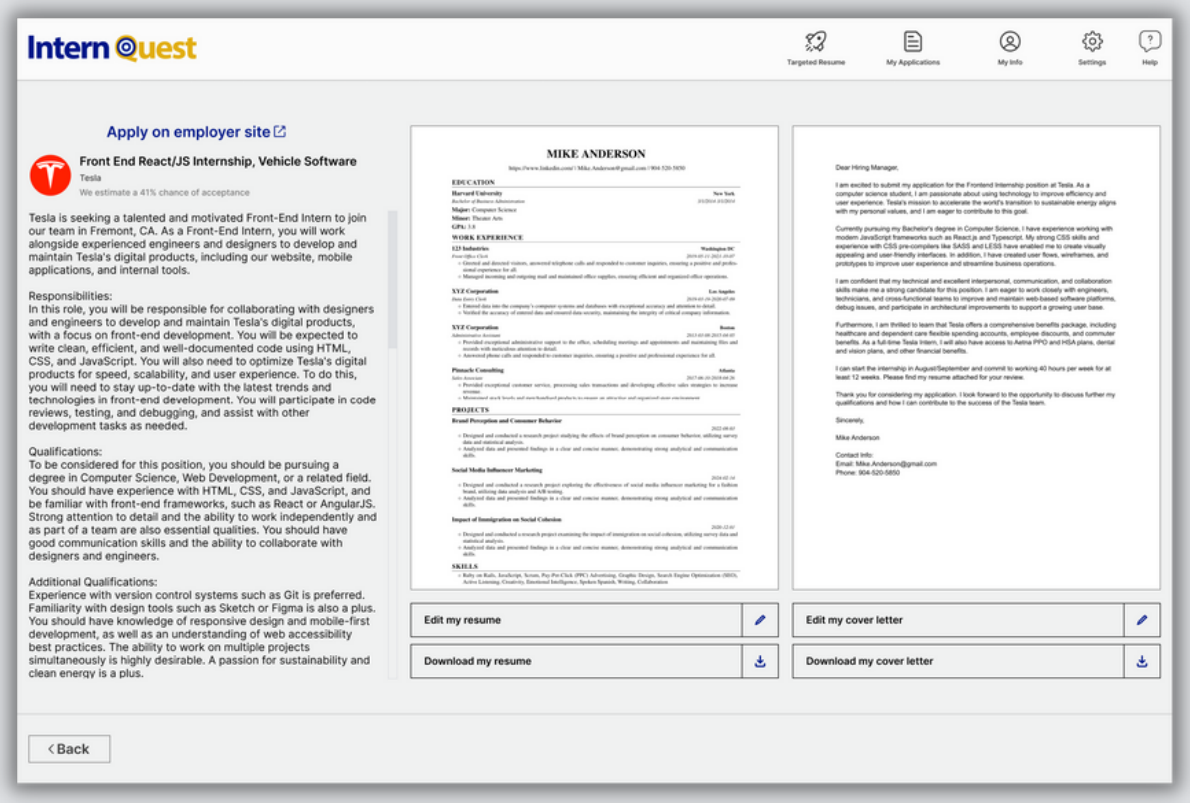
Done!

(Can be edited, and changed at anytime)

Dashboard



Tailored resume tool after inserting a job description or pressing apply in the internship feed



Our team is committed to evolving the UI/UX to best suite our users needs within our feedback loops

Scalability

Our app, Intern Quest, has been designed with scaling in mind. Our development approach is agile, which means that we can continuously improve and add new features as we expand our user base. Our vision is to be the one-stop shop for college students trying to land an internship. To achieve this milestone, we plan to iteratively add features like interview prep, internship recommendation, and networking capabilities. Our current focus is on college students with multifaceted interests who have some experience and are looking for internships, we plan to expand our target audience to include those with specific interests and less experience who need guidance on building a resume and preparing for interviews. In the US alone, there are over 19 million college students [7], and globally over 250 million [8], and these numbers are projected to grow in the coming years. High school students are another potential userbase to showcase the product to since they often need resumes for college applications or summer practicums. We believe our app has the potential to transform the way people go about the job search process.

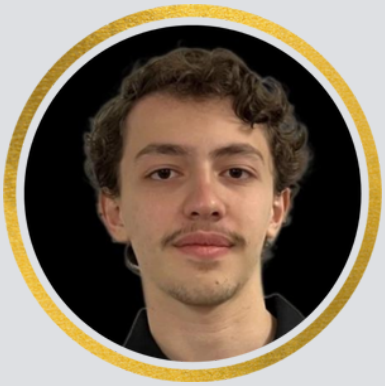
Data Sources

Currently, Intern Quest leverages various data sources to provide a foundation for our algorithms for things like what a good resume is like: What are the things ATS scanners look for? What is considered "important" in a job description? We understand the importance of using existing data to create a robust and effective platform. In the process of developing our algorithms, we have used multiple sources such as the PSU career services booklet and online resources to ensure that we build a strong foundation for our algorithms' models such that it is designed to pass ATS. However, we acknowledge that these sources have their limitations and biases, and we continuously strive to expand our data sources to create a more well-rounded and diverse approach. We are always looking for new data sources that can enhance the effectiveness of our platform and improve the quality of the resumes we create. We are committed to providing the best possible experience for our users and believe that incorporating relevant data sources is an integral part of achieving that goal.

Can they build it?

Team Capabilities

Individual Team Members



Omar Rady

(Team lead)

Omar Rady serves as the Team Lead for our project. With a wealth of experience as an entrepreneur and project manager, Omar brings exceptional leadership skills to the team. He has led successful teams in executing over ten projects and has been recognized with multiple awards for his contributions to their success. As a full stack skilled software developer, Omar possesses a wide range of technical expertise, including UI /UX, front-end, AI/ML, blockchain, and backend logic. This gives Omar the ability to easily integrate team cross works.

Stephen Leshko

(Techincal lead)

Stephen Leshko is an experienced software developer with expertise in AI/ML technologies like TensorFlow and OpenAI. He has a strong foundation in computer science and is proficient in various programming languages including React and JavaScript. Stephen has demonstrated his technical abilities and creativity through innovative projects such as the Sign Language Calculator and Voice Recognition Racing Game. As the Google Student club technical lead and the AI workshop instructor for hackPSU, Stephen brings valuable skills to the field of software development and is well-positioned to contribute to the development of AI-powered solutions.

Omer Kandemir

(UI/UX design lead)

Omer Kandemir is a highly talented front-end developer and UI/UX designer with a great experience. With a deep passion for designing and implementing visually appealing, user-friendly interfaces, Omer has acquired exceptional HTML, CSS, and JavaScript skills, bringing his designs to life with seamless functionality and user interactivity. Omer's UI/UX design expertise is unmatched, as he deeply understands user behavior and experience. He pays close attention to every detail, from color schemes and typography to layout and usability, ensuring that his designs are visually appealing, highly functional, and intuitive.

Yajat Dewan

(Research lead)

Yaj is our lead researcher and product manager who brings valuable insights to any project he works on. He is dedicated to ensuring that the project goes through a continuous feedback loop to meet the ever-evolving needs of users. Yaj is also an expert in conducting in-depth research to gain valuable insights into user behavior and preferences. With his keen eye for detail and commitment to user-centric design, Yaj is an invaluable asset to a team looking to develop products that truly meet the needs of its users.

Can they work together?

Team Synergy

The team's synergy is a powerful force, with each member bringing unique expertise and experience to the table. Omar's exceptional leadership skills and full-stack development experience make him an effective team lead who can easily integrate cross-functional team members. Stephen Leshko's diverse technical skills, creativity, and special expertise in AI technologies make him an ideal fit for any project requiring an AI/ML developer. Omer's deep understanding of UI/UX design and front-end development, coupled with his attention to detail, ensures that every project's user experience is exceptional. Yaj's commitment to a user-centric approach and his expertise in conducting in-depth research bring valuable insights to the project, guiding its development towards meeting users' evolving needs. Together, this team has the potential to deliver outstanding results and innovative solutions.

Team History

As a team of hardworking creative individuals, we have a history of successfully working together. During HackPSU of Fall-2022, we were able to bring our expertise together for 24 back to back hours, which led to our 2nd place award in the hackathon, hence serving as testimony to the synchronization of the team.

Our team has a rich history of working together to build complex projects:

Present AI

AI-Presenting Coach

https://presentai.org/

Knowledge Swap

Blockchain Powered Q&A Exchange

https://knowledgeswap.vercel.app/

Discover what we plan to bring next!

Development Timeline

March - April

- Finalize a user-testable tailored resume tool
- Finalize and optimize the user interface plans
- Start a feedback loop on our already-built interview prep tool
- Start a user feedback loop on the resume tailoring tool

May - June

- Implement the front end of the desired user interface
- Incorporate and refine the tailored resumes tool's feedback
- Develop the backend infrastructure of the application
- Integrate the main functionalities with the front-end and back-end
- Start a user feedback loop on the UI/UX and full applocation.

July - August

- Keep iterating on user feedback to tailor it to our need
- Refining and monitoring the built product to the best it can be
- Reach out to career services and online communities for more feedback
- Finalize the product to a well-refined MVP and prepare to present it

Future Plans (Post-MVP)

- Continue our iterative validation to refine our product to the user needs
- Construct a best-fit business model after understanding our user
- Start working on scalability of features and target audience
  - Example: Explore internship recommendations to pair students with positions we think are best qualified
  - Build a "use existing resume tool" to extract the user input
- Work towards our achieving our vision and accomplishing our mission

Our Vision: The one stop shop for landing an internship

Our Mission: Present college students' full potential

Thank you for reading
- Intern Quest Team

References

1. State, Penn. “Alumni Network.” Penn State Smeal Real Estate, 2019, https://realestate.smeal.psu.edu.
2. University, Columbia. “Optimizing Your Resume for Applicant Tracking Systems.” Optimizing Your Resume for Applicant Tracking Systems | Columbia CCE, 2021, https://www.careereducation.columbia.edu/resources/optimizing-your-resume-applicant-tracking-systems.
3. Hanson, Melanie, and Fact Checked. “College Enrollment Statistics [2023]: Total + by Demographic.” Education Data Initiative, 1 Jan. 2023, https://educationdata.org/college-enrollment-statistics.
4. “Documentation | Next.js.” Nextjs.org, nextjs.org/docs/. Accessed 12 Mar. 2023.
5. “OpenAI API & Models.” Platform.openai.com, platform.openai.com/docs/models/overview.
6. “LaTeX - a Document Preparation System.” Latex-Project.org, 2019, www.latex-project.org/.
7. National Center for Education Statistics. "Fast Facts: Enrollment." 11 Feb. 2021, nces.ed.gov/fastfacts/display.asp?id=98.
8. “Study Projects Dramatic Growth for Global Higher Education through 2040.” ICEF Monitor - Market Intelligence for International Student Recruitment, 3 Oct. 2018, monitor.icef.com/2018/10/study-projects-dramatic-growth-global-higher-education-2040/#:~:text=As%20the%20following%20chart%20illustrates.

Support Letter:

https://drive.google.com/file/d/1YlLDo1Du1hOrA1ZvrfuuWXfTCFGHcoqn/view?usp=sharing

"Everyone has a surreal potential, though it can only be shown with excellent presentation."