

Henry Jamison

Charlotte, NC

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EDUCATION

Appalachian State University

Boone, NC

BS Computer Science

August 2020 – December 2023

- 3.5/4 GPA
- Appalachian State ASCII Club Member
- Relevant Coursework: Data Structures, Computer Systems, Database Management, Client-Side Programming, Object-Oriented Programming, Software Engineering, Single Page Applications, Security Analytics, Full Stack Development, Server-Side Programming.

WORK EXPERIENCE

Vacasa

Charlotte, NC

Software Engineer Intern

June 2022 – August 2022

- Collaborated as a member of the finance operations team which maintained a revenue processing system that processed over \$1 billion in annual revenue.
- Participated in the agile development of new features for the Owner Statement system which paid a daily average of \$3 million to 40,000+ property owners.
- Managed AWS S3 bucket/VPC configurations using Terraform.
- Accelerated sprint story completion, delivering efficient and robust code involving Python, PHP, Terraform, and SQL that was easy to test and maintain.
- Aided with QA Testing & deployment, actively engaged in code review.
- Conducted daily standup and sprint retrospective meetings.

PROJECTS

Personalized AI Chatbot - React, Next.js, HTML/CSS, OpenAI API, Redis

[Chat With Henry Link](#)

- Developed an interactive chatbot-style website that runs a gpt-3.5 model fine-tuned on personal information.
- Designed to provide recruiters and interviewers with a unique and engaging platform to learn more about personality, skills, experiences, and other projects.

Fantasy Football Score Predictor - Python, Flask, HTML/CSS, jQuery, Sci-kit Learn

[Fantasy Foresight Video Demo](#)

- Developed a webpage utilizing machine learning algorithms to generate accurate fantasy football score predictions for the current NFL week.
- Achieved a high level of accuracy, with predicted scores consistently within a 3-point margin of actual scores.
- Includes real-time player status from ESPN, autofill suggestions based on user input, and a table format to view historical fantasy football data sortable by 20+ columns.

Twitter Bot - Python, Cron, Twitter API, GitHub actions

[@PatentArtBot](#)

- Created a personal Twitter bot that tweets out a random US patent each hour, sourced through Google Patents.
- Tweeted 9,000+ unique patents with 13,000+ posts since December 2022.
- Tweets include the patent name/number, current owner, 1-4 pictures, a link to learn more, and a thread involving an abstract if available.

TECHNICAL SKILLS

- **Languages:** Python, Java, C/C++, C#, HTML/CSS, JavaScript, TypeScript, SQL
- **Technologies:** Git, Docker, Jenkins, AWS, Jira, GraphQL, Node.js, RESTful API
- **Frameworks:** React, Next.js, Angular, Flask, .NET