Eric Jung

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EDUCATION

Virginia Polytechnic Institute and State University   **Blacksburg, VA**

Bachelor of Science in Computer Science, Mathematics Minor   *Expected Graduation: May 2026*

Dean's List High Honors   *GPA: 3.66/4.00*

Relevant Coursework: Data Structures and Algorithms, Computer Organization, Human Computer Interaction, Discrete Mathematics, Combinatorics

TECHNICAL SKILS AND LANGUAGES

Programming Languages: Java, C, HTML, CSS, JavaScript, React, Python, SwiftUI

Software/Tools: Microsoft Word, Excel, PowerPoint, Outlook, GitHub, JUnit, Slack, Discord, Figma, Miro, SolidWorks

Languages: English, Korean (bilingual)

EXPERIENCE AND ACTIVITIES

BrewSystems LLC   **Remote**

Software Engineer Intern   *May 2024 – August 2024*

- Utilized Liferay's REST API to retrieve data for the application, displaying records from Liferay into components from Avaya-Neo's React Library
- Used Node.js framework for the back end of the application and created 2 table components to be displayed on the front end
- Leveraged knowledge in JS and React to write methods to access the API, and create the interface of the application

Virginia Tech Diggeridoo's   **Blacksburg, VA**

Front-End Developer   *January 2024 – Present*

- Design team that participates in Elon Musk's tunnel boring competition, building a machine capable of digging 100 feet
- Designing and programming the UI of the of the boring machine to be used at competition, including 3 control components
- Leveraging skills in React and Figma to create the components to be used on the GUI and future implementations

Institute of Electronics and Electrical Engineers (I.E.E.E.)   **Blacksburg, VA**

University Relations Chair   *May 2024 – Present*

- Maintaining strong relationships with the University and helping coordinate 5 GBM's and club events, reaching 500 students
- Coordinating meetings, bringing in an average of 50 students per meeting, increasing attendance by 10%
- Reached 1000+ new students for potential recruitment through campus recruiting fairs and in-class presentations

Varsity Tutors   **Remote**

Tutor   *January 2024 – April 2024*

- Tutored students in a remote environment utilizing Varsity Tutors' online video chat tool
- Taught up to 3 students at a time in math courses and programming in Java, leading to increased overall grades by over 10%
- Utilized studying strategies and efficient teaching methods to assist students and improve overall academic performance

Eddy's Café   **Virginia Beach, VA**

Manager   *June 2017 – June 2022*

- Provided high standards of customer service during high volume and fast paced operation
- Maintained loyal customers through consistency and fast service to ensure customer satisfaction
- Utilized teamworking, communication, problem solving, and interpersonal skills to enhance customer experience

PROJECTS

PantryPilot   **Blacksburg, VA**

AI-Powered Mobile App   *September 2024*

- App that scans your pantry or fridge, analyzes your ingredients, and displays recipes based on available ingredients
- Trained AI model from Azure Custom Vision with more than 500+ data points from a dataset of 350+ images optimizing accuracy and performance, achieving 45% precision
- Developed a responsive app interface with SwiftUI, adding animations and creating layouts to enhance user experience

Spotify Playlist Creator   **Blacksburg, VA**

Java Project   *November 2023*

- Populates and displays three separate playlists, getting input from text files that contains songs from different genres
- Leveraged Comparators to organize and place songs in distinct playlists based on their genre compositions
- Displays an interface that gives users the option of accepting a song or rejecting it from a playlist