

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 SKILLS 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 Java and React to write API methods 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 60% accuracy and confidence
- Developed a responsive app interface with SwiftUI, adding animations and creating layouts to enhance performance

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