

Eric Jung

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EDUCATION

Virginia Polytechnic Institute and State University

Blacksburg, VA

B.S. in Computer Science

Expected Graduation: May 2026

Dean's List High Honors

GPA: 3.62/4.00

Relevant Coursework: Data Structures, Intro to Software design, Problem Solving in Computer Science, Combinatorics, Discrete Mathematics, Multivariable Calculus, Intro to Engineering Design

TECHNICAL SKILLS AND LANGUAGES

Programming Languages: Java, Python, HTML, Kotlin

Software/Tools: Microsoft Word, Excel, PowerPoint, Outlook, GitHub, Visual Studio Code, Eclipse, IntelliJ, JUnit, Slack, Discord, Figma, React

Languages: Korean (bilingual)

PROJECTS

Diggeridoo's Design Project – Front-End (In Progress)

Blacksburg, VA

Group React Project

January 2024 – Present

- Front End for Virginia Tech Diggeridoo's tunnel boring machine
- Working on a **GUI** with multiple functions like displaying the states of the system components and turning off the machine
- Using **GitHub** to collaboratively work on the project with the front-end team

Intramural Basketball Statistic Tracker – Full-Stack (In Progress)

Blacksburg, VA

Individual Java Project

December 2023 – Present

- Keeps track of all statistics for each player accumulated during an intramural basketball game
- Utilizes a **Linked-List** data structure to add each statistic accrued by each player throughout the game
- Displays a **GUI** that communicates with the back-end to update the GUI when a statistic is added to a player

Social Media Influencer Analyzer – Full-Stack

Blacksburg, VA

Group Java Project

November 2023 – December 2023

- Parsed data from a list of social media influencers contained in a CSV file
- Used **GitHub** for version control to collaboratively work on the program
- Displayed a **GUI** containing bar charts with each bar's height dependent on the influencer's engagement on social media

Spotify Playlist Creator – Full-Stack

Blacksburg, VA

Individual Java Project

November 2023 – November 2023

- Populated and displayed three different playlists using text files filled with songs as input
- Utilized **Comparators** to organize and place songs in playlists based on their genre compositions
- Displayed a **GUI** with three separate playlists and the songs each of them contained

LEADERSHIP AND EXPERIENCE

Virginia Tech Diggeridoo's

Blacksburg, VA

Front-End Developer

January 2024 – Present

- Design team that participates in The Boring Company's Not-A-Boring competition
- Help design and program the front-end of the controller for the drilling machine
- Attend the bi-weekly meetings to plan out the next steps to take for the week

Varsity Tutors

Remote

Tutor

January 2024 – Present

- Tutoring students in grades ranging from high school to college
- Teach in programming, all high school level math, and college level math courses
- Help students overcome educational challenges, assist on homework, and prepare them for upcoming exams

Eddy's Café

Virginia Beach, VA

Manager

June 2017 – June 2022

- Improved customer experiences with fast and effective service
- Attended all customer needs including getting menus and silverware, clearing tables, and ringing up customers
- Common usage of teamworking, communication, problem solving, and customer-service skills