

# Elliot Topper

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Oakhurst, NJ

[xaridar.github.io](https://xaridar.github.io)

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[www.github.com/xaridar](https://www.github.com/xaridar)

## Technical Proficiencies

**Languages:** Java, Javascript, Typescript, Python, PHP, C++

**Frameworks:** Node.js, Express.js, jQuery, Bootstrap, TailwindCSS

**Frontend Tools:** HTML, CSS, EJS, React.JS

**Backend Tools:** Git, MySQL, Firebase

## Education

The College of New Jersey (TCNJ), Ewing, NJ  
Bachelor of Science in Computer Science

*Expected graduation: May 2025*

*Grade Point Average: 4.0*

## Work and Research Experience

**Department of Computer Science, TCNJ, Ewing, NJ**

Student Researcher (VR) - Dr. Ferdous

*September 2022 - Present*

- Conduct and manage an ongoing study in cybersickness data collection
- Prepare materials for submission of past research results to international VR conferences

**Department of Computer Science, TCNJ, Ewing, NJ**

Summer Student Researcher (VR) - Dr. Ferdous

*June 2022 - July 2022*

- Developed an online data management portal for cybersickness studies using *PHP, MySQL, HTML, CSS, Bootstrap, jQuery*, and *Git*
- Built a system for use of electroencephalogram (EEG) in Virtual Reality systems and trained in its use for future studies

**Six Overground, Asbury Park, NJ**

Intern

*February 2021 - April 2021*

- Added functionality to a public-facing API for extended capabilities using *JavaScript* and *Git*
- Advanced development on migration of an application between mobile platforms using *Java*

## Projects and Collaborations

**LScript** - Programming language interpreter written in *Java*

**RAT** - Simple to use and opinionated templating engine built using *Node.js, Express.js*, and *Typescript* for use in simple web apps

**Bullseye** - Android games application to help children with ADHD, developed with a team for the 2021 Congressional App Challenge in *Java*

**Dungeon of Curses** - Text-based roguelike game which won Best Hack at the HackTCNJ 2022 hackathon in *Python* and the ncurses library

*Links and more detailed information on notable projects can be found at [xaridar.github.io](https://xaridar.github.io).*

## Honors and Awards

2022: TCNJ Computer Science First Year Award

2022: HackTCNJ 2022 Best Hack

2021-2022: TCNJ Dean's List (Semesters 1, 2, 3)

2020: National Merit Commended Scholar

## Leadership Positions

**TCNJ Japanese Student Association, Ewing, NJ**

Co-Fundraising Chair

*April 2022 - Present*

- Make decisions related to fundraising efforts in order to increase club revenue
- Raised over \$800 of profit for the club's use across three fundraising efforts