Elliot Topper

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Technical Proficiencies

Languages: Java, Javascript, Typescript, Python, PHP, C++
Frameworks: Node.js, Express.js, jQuery, Bootstrap, TailwindCSS
Frontend Tools: HTML, CSS, EJS
Backend Tools: Git, MySQL, Firebase

Education

The College of New Jersey (TCNJ), Ewing, NJ   *Expected graduation: May 2025*
    Bachelor of Science in Computer Science
- Current Grade Point Average: 4.0

Communications High School (CHS), Wall, NJ   *September 2017 - June 2021*

Work and Research Experience

Department of Computer Science, TCNJ, Ewing, NJ
Summer Student Researcher - 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

KE Camps, Middletown, NJ
Camp Counselor   *June 2021 - August 2021*

Six Overground, Asbury Park, NJ
Intern   *February 2021 - April 2021*
- Added functionality to a public-facing API for further use using *JavaScript* and *Git*
- Advanced development on migration of an application between mobile platforms

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.

Honors and Awards

2022: TCNJ Computer Science First Year Award
2022: HackTCNJ 2022 Best Hack
2021-2022: TCNJ Dean's List (Semesters 1, 2)
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 $500 of profit for the club's use across two fundraising efforts