# George Lee Theodore Howard

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**PROFESSIONAL STATEMENT**

React-focused Computer Science graduate with experience leading front-end architecture for a mobile application capstone project. Seeking front-end or full-stack opportunities to build scalable, user-centered software solutions.

**EDUCATION**

- **Tennessee Technological University** – Cookeville, TN
  - Bachelor of Science in Computer Science, Minor in Mathematics – *Graduated May 2026*

**WORK EXPERIENCE**

- **Chili's – Cross-Trained Team Member** | Lebanon/Cookeville, TN | *March 2021 - Present*
  - 5 years of experience. Demonstrated reliability and adaptability by cross-training across 4 operational roles in a high-volume environment.
- **IT Help Desk – Tennessee Tech** | Cookeville, TN | *August 2022 - May 2023*
  - Diagnosed and resolved hardware, software, and network issues for students and faculty, improving system uptime and maintaining user access to computer labs and campus resources.
- **iMakerSpace – 3D Print Technician** | Cookeville, TN | *August 2023 - December 2023*
  - Managed student 3D printing submissions, ensuring print accuracy and timely project delivery.

**RELEVANT PROJECTS**

- **Personal Portfolio Project** – *Next.js/React, TypeScript, Tailwind CSS*
  - Designed and developed a responsive personal portfolio from scratch. Leveraged reusable components and the Next.js App Router to showcase software projects and technical experience.
  - Structured project and case-study content through TypeScript data and Markdown, creating a scalable content architecture designed for future CMS integration and continued expansion.
- **Acato Capstone Project (CampusWatch)** – *Ionic/React, JavaScript, HTML/CSS, MySQL*
  - Head front-end developer for a 6-member capstone team building an all-in-one campus management mobile application using Ionic/React. Designed and implemented reusable UI components and routing architecture.
  - Integrated REST APIs and handled state management for real-time data updates. Collaborated using Agile workflows with biweekly sprints and Git version control.
- **HippoExchange Project** – *Dart/Flutter, MongoDB*
  - Head front-end developer for a 7-person team building a peer-to-peer item lending mobile application using Dart/Flutter. Engineered UI component structure, managed application state, implemented authentication flows, and connected frontend to MongoDB-backed APIs.
- **Live Weather Application** – *HTML, JavaScript, Bootstrap*
  - Developed a responsive weather web application that uses a third-party REST API, retrieves user geolocation data, and dynamically renders real-time forecasts using asynchronous JavaScript.

**LEADERSHIP**

- **Vice President (Founding Officer) – EDM Club, Tennessee Tech** | *January 2024 – May 2026*
  - Co-founded organization and led PR strategy, managing branding, social media, and event promotion.
  - Promoted to Vice President; oversee operations, executive coordination, and campus event planning.

**TECHNICAL SKILLS**

- **Programming Technologies:** JavaScript/TypeScript, React, Ionic, Next.js, HTML/CSS, Tailwind, Bootstrap, Python, C++, jQuery, Express.js, Node.js, MySQL, MariaDB, MongoDB.
- **Tools & Platforms:** Git/GitHub, MySQL Workbench, Unix/Bash, Google Cloud, Agile Development
- **Software:** Visual Studio Code, Microsoft Office, Adobe Premiere Pro, Photoshop, After Effects, FL Studio