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Ted Laesch
Computer Science

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OBJECTIVE

To obtain a full time position in the field of computer science

EDUCATION

Bachelor of Science in Computer Engineering   **May 2023**
University of Missouri St. Louis

- Relevant Courses: *Engineering Programming I, Algorithms and Abstract Data, Object-Oriented Programming, Computer Org & Architecture, System Programming and Tools, Web Programming, Design & Analysis of Algorithms, Programming Languages, Intro to the Software Profession, Operating Systems, Artificial Intelligence, Software Security, Web Development with Advanced JavaScript, Intro to Microservices, Python for Data Science, Discrete Mathematics, Elementary Linear Algebra*

SKILLS

Languages	Java, Python, C, JavaScript, HTML/CSS, PHP, MySQL, LaTeX
Systems & Applications	IntelliJ IDEA, Visual Studio Code, XAMPP, Git, Unix

PROJECT EXPERIENCE

"We are St. Louis" Interactive Map   **October 2022 — December 2022**
University of Missouri - St. Louis   *St. Louis, MO*

- Co-led a team in the design and development of a web-based interactive public history and storytelling project.
- Utilized agile methodology and adjusted design during development based on customer feedback.
- Developed a salted hash-based secure authentication system for website administrators.
- Integrated technologies such as JavaScript, MySQL, PHP, and Apache in a full stack web development role.

Tree Inventory System   **July 2022**
Waldbart Nursery   *St. Louis, MO*

- Assisted in digitizing Waldbart Nursery's tree inventory system.
- Created an accessible standard organizational structure for tree inventories.
- Developed macros in VBA to format data according to individual managers' needs.
- Produced user-friendly documentation and instructions.

WORK EXPERIENCE

Sales and Customer Service Representitive   **April 2021 — Present**
Waldbart Nursery   *St. Louis, MO*

- Worked directly with contractors and retail customers to meet landscaping needs and finalize sales.
- Performed maintenance on and operated farm machinery in a self-supervised environment.
- Effectively communicated and cooperated with coworkers to complete large scale projects and orders.
- Managed IT duties and support for the Florissant nursery location.

Resident Assistant   **March 2020 — December 2020**
Valparaiso University   *Valparaiso, IN*

- Worked to help orient residents to campus life, connecting with each student weekly.
- Organized events and activities for residents to facilitate interaction outside the classroom and foster community.

Hesse Scholor Tutor   **August 2018 — December 2019**
Valparaiso University   *Valparaiso, IN*

- Provided walk-in peer tutoring and help sessions for STEM students in first and second year classes.

Summer Day Camp Counselor   **Summer 2018; Summer 2019**
Chapel of the Cross - Lutheran   *St. Louis, MO*

- Worked with children ages 5 - 13, caring for their physical, social, emotional, and spiritual needs on a daily basis.
- Organized, planned, and executed indoor and outdoor activites and field trips.
- Interacted and fostered relationships with parents and families of summer camp children.

INTERESTS

Hiking, Bible Study, Music, Linux VMs, Python Scripting