Irakli Eradze

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SUMMARY

Computer Science student with experience in technical projects involving responsive web applications, full-stack development, React.js, object-oriented programming, and data analysis. Passionate problem solver with a proven ability to apply Agile Scrum methodology and UX/UI principles to develop user-friendly applications. Seeking an internship or entry-level opportunity in software development, data analysis, or related fields, with readiness to begin immediately, preferably within the economics or finance sector.

EDUCATION

B.S. Computer Science   Graduating December 2027
Arizona State University, Tempe, AZ   4.00 GPA
Relevant Coursework: Data Structures and Algorithms, Logic in Computer Science, Principles of Programming.
B.S. in Economics (with Honors)   May 2005
Ivane Javakhisvhili Tbilisi State University (TSU), Tbilisi, Georgia   4.00 GPA

TECHNICAL SKILLS AND CERTIFICATIONS

Programming Languages: JavaScript, Python, C/C++, Java, Prolog, Scheme
Web Technologies: HTML, CSS, Bootstrap, React.js, Node.js, Express.js, Next.js, Redux
Tools, Databases, and OS: MySQL, NoSQL, MongoDB, GraphQL, Git, GitHub, Windows, Linux/Unix
Certifications: Coding Certificate: University of California, Berkeley Extension, Berkeley, CA (May 2023)

ACADEMIC PROJECTS

Chess in Prolog, *Class Group Project*   Spring 2025
- Completed a Prolog-based chess program that displays the board and allows automated matches between agents.
- Enhanced player A's logic by critically analyzing and integrating elements of player B's code provided by the professor.
- Tested agent performance by running simulations.

P2P Vinyl & CD Resale | https://github.com/ikaera/Project-2 | *Class Group Project*   Spring 2023
- Developed a responsive full-stack web application using **HTML, CSS, Bootstrap**, and **React.js** that enables users to sell personal music collections and purchase rare or new editions, creating a niche online marketplace for music fans.
- Implemented backend routes and helper functions with **Node.js** to manage core features such as user favorites, purchases, and inventory updates, improving user experience and engagement.
- Collaborated on project documentation (README) to ensure seamless onboarding for collaborators and maintainability of the codebase, supporting Agile Scrum development practices.

Booze Hound, *Class Group Project*   Fall 2022
- Developed a responsive web app using **JavaScript** and **Materialize CSS** that lets users search for bars in any city and view results on an interactive map.
- Integrated Open Brewery DB and Leaflet APIs to display bar locations and save search history in local storage.
- Led to project documentation and interactive map features to improve usability and navigation.

WORK EXPERIENCE

2U: Teaching Assistant   Oct 2023 – Nov 2024
- Delivered engaging lessons using interactive activities, while following the course syllabus and instructional materials.
- Supported students through Slack, office hours, and timely feedback, to provide an inclusive learning environment.
- Prepared for each class by internalizing lessons, reviewing materials, managing classroom tools.

Watchtower Bible & Tract Society of New York: Financial Data Analyst   June 2016 – Oct 2018
- Created dynamic PivotTables and complex Excel formulas to streamline data analysis and support faster, data-driven decisions related to global preaching work and its associated expenditures.
- Identified, corrected, and reported data entry errors to ensure reliable data for decision-making and reporting.
- Analyzed and processed current data records to generate detailed reports that supported informed decision-making and improved operational efficiency.