To'a Heck

Software Engineer

✉ toaheck1@gmail.com 📞 (209)597-1235 📍 Bay Area, CA, USA 🔗 toaheck.com ⬡ in

SKILLS

JavaScript, Python, Swift, SQL, HTML, CSS, Java, C++, React JS, Bootstrap, Tailwind, Node.js, Firebase, Git, Xcode, Jira

PROFESSIONAL EXPERIENCE

07/2025 – Present
Remote

Junior SAP Ariba Consultant, *LeverX*
- Configured Enterprise procurement systems for Fortune 500 clients, translating business requirements into technical implementations.
- Collaborated with developers and business analysts to gather technical requirements, troubleshoot system issues, and design solutions.

11/2022 – 07/2025
Livermore, CA

Software Development Intern, *Topcon Positioning Systems*
- Developed and maintained full-stack purchase requisition web application using Classic ASP, VBScript, JavaScript, HTML, CSS, and Microsoft SQL Server on IIS, integrating with SAP ERP systems.
- Engineered Python-based ETL automation pipeline to process Excel data and update SQL Server database, reducing manual processing time by 60%
- Built JavaScript, HTML, and CSS solutions for warehouse scanner UI during Zebra device migration, resolving SAP configuration issues.

05/2023 – Present
Pleasanton, CA

Freelance Software Engineer, *Forty-me LLC*
- Collaborated on Apple/iOS development projects, driving the design and implementation of innovative applications tailored for iOS devices in a startup environment.
- Leveraged Apple's CoreML machine learning model to integrate machine learning capabilities into iOS applications, enhancing functionality and user engagement.
- Implemented ARKit technologies and frameworks to develop augmented reality features, enhancing user experiences in iOS applications.

PROJECTS

AI Flower Detection App, *https://github.com/ToaHeck/AI-Flower-Detector-iOS16* ⬈
- Built modular iOS app using Swift, CoreML, and Wikipedia API for ML-powered flower identification with real-time camera processing
- Implemented protocols, delegates, and closures demonstrating advanced iOS development patterns

Database Maintenance Program, *https://github.com/ToaHeck/Python-Update-List*
- Engineered Python scripts to automate data extraction from Excel files, which minimized errors related to data discrepancies and kept databases orderly.
- Created a system to identify and reconcile discrepancies between the database and the weekly-updated Excel sheets, including changes in part numbers and descriptions.
- Utilized SQL queries to update the database with corrected and new data from the Excel sheets, ensuring data integrity and consistency.

EDUCATION

12/2023
Hayward, CA

B.S. - **Computer Science,** *California State University, East Bay*