

David Halmy

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Entry-Level Software Development Intern – IT Solutions | Project Assistance | Administrative Support
Aspiring to Help Companies Translate Their Business Goals to Reality

- ~ *Passionate about computers and computer science, looking for an entry level position in the software development field, to continue learning and developing deep technical skills. ~*
- ~ *Developed excellent time management skills, work ethic, teamwork, leadership, communication, and organizational skills as a student-athlete for the past 8+ years. ~*

SKILLS

Technical Proficiencies: Java | Python | SQL | R | C# | .NET | Git | Windows & Linux OS | HTML & CSS | Microsoft Office

- ♦ Data Structures & Algorithms
- ♦ Data Modeling and Applications
- ♦ Azure Cloud Computing
- ♦ Software Engineering
- ♦ Troubleshooting and Testing
- ♦ Data Analytics
- ♦ Networking & Systems
- ♦ Software Project Management
- ♦ App Development Methodologies

EDUCATION

♦ **M.A.S. Information Technology Management (Specialization in Software Development)**

Illinois Institute of Technology - Chicago, Illinois [2023-2025 (expected)]

♦ **B.S. Computer Information Systems (Minor in Information Technology Management)**

Illinois Institute of Technology - Chicago, Illinois [2021-2025 (expected)]

PROJECTS

Asset Tracker Database < github.com/dhalmy/asset-database-project >

- ♦ Produced a comprehensive, multi-layer, enterprise application that provides a CRUD API for managing company assets.
- ♦ Implemented security protocols controlling user authorization through login authentication.
- ♦ Technologies used: Java, Jakarta EE, MVC, XHTML, CSS, SQL, and JavaScript.

Illinois Institute of Technology Course Scheduling App < github.com/dhalmy/iit-scheduling-app >

- ♦ Collaborated on the development of an app for enhanced class selection UI and AI-generated course recommendations.
- ♦ Developed course data scraping methods, database implementation, and AI integration in an agile environment.
- ♦ Technologies used: Flutter, Dart, Python, Supabase (Postgres DB), and OpenAI API.

Campus Dining Menu Notification Generator < github.com/dhalmy/textcommonsfood >

- ♦ Interfaced with the Dine On Campus API to extract menu items using Python.
- ♦ Generated list of menu items to display in SMS message sent to users.
- ♦ Automated delivery of daily notifications for menu updates using Heroku (PaaS) and Raspberry Pi.

EXPERIENCE

IT SUPPORT TECHNICIAN INTERN

CHICAGO METROPOLITAN AGENCY FOR PLANNING - CHICAGO, ILLINOIS [MAY 2023 – CURRENT]

- Delivering tech support & training to staff, improving their efficiency and understanding of systems and software.
- Diagnosing and resolving hardware, software, AV, and network issues to ensure optimal system performance.
- Managing agency-wide asset inventory, ensuring accurate tracking and adequate supply of updated equipment.

Lifeguard

CONROE INDEPENDENT SCHOOL DISTRICT - SHENANDOAH, TEXAS [JUN 2018 – JUN 2021]

- Supervised and maintained patrons' safety inside and outside the pool.
- Continuous training to help enforce pool policies and procedures.
- Worked with fellow lifeguards and gained leadership, collaboration, and teamwork experience.