

Itai Ferber

Contact Information

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Links

Personal Site: itaiferber.net

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WORK EXPERIENCE

Software Engineer at Apple (07/16–Present, apple.com)

- Developing and maintaining code on the Foundation framework
- Designing and implementing new framework-level APIs in Swift, including working directly on the Swift compiler to provide features that ease developer adoption

Software Engineering Intern at Apple (05/15–08/15, apple.com)

- Designed and implemented internal API for improving performance of IPC messaging
- Presented API to upper management

Software Engineering Intern at Apple (05/14–08/14, apple.com)

- Designed and implemented a new developer-facing API to be included in the Foundation framework
- Presented API to management and submitted for extensive API review
- Triaged, identified, and fixed Foundation binary incompatibility bugs

Software Development Intern at BrainPOP (06/13–07/13, brainpop.com)

- Wrote two new games and a UIKit-based game controller framework supporting iOS 4–6

IT Intern at FashionSnoops (02/12–04/12, fashionsnoops.com)

EDUCATION

State University of New York at Binghamton

B.S. in Computer Science — $3.88/4.00$ cumulative GPA (*summa cum laude*); $3.94/4.00$ major GPA

Relevant Coursework

- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Systems Programming
- Operating Systems
- Compiler Design
- Computer Systems (Architecture)
- Automata Theory and Formal Languages
- Advanced Topics in Object-Oriented Programming
- Introduction to Probability and Statistics
- Course Assistant for Data Structures and Algorithms

Honors (Each Semester Fall 2012–Spring 2016)

- Binghamton University Scholars Program
- Binghamton President's Scholars Program
- Watson School Dean's List

Scholarships

- Lockheed Martin Scholarship (Fall 2014)
 - President's Award for Undergraduate Student Excellence (Honorable Mention, Spring 2015)
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SKILLS

Technologies: Extensive experience with macOS, iOS, Xcode, Unix/Linux systems, \LaTeX , shell scripting, and version control systems

Computer Languages: Fluent in Objective-C, Swift, C, C++, and Ruby. Have significant experience with Java, Python, JavaScript, HTML, and CSS. Familiar with Haskell and AppleScript. Interested in Rust, Elixir, and Clojure

Human Languages: Fluent in speaking, reading, and writing in English and Hebrew, with strong writing skills in English