

# Itai Ferber

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## Contact Information

Email: [itai@itaiferber.net](mailto:itai@itaiferber.net)

Twitter: [@itaiferber](https://twitter.com/itaiferber)

## Links

Personal Site: [itaiferber.net](http://itaiferber.net)

GitHub: [github.com/itaiferber](https://github.com/itaiferber)

LinkedIn: [linkedin.com/in/itaiferber](https://www.linkedin.com/in/itaiferber)

Keybase: [keybase.io/itai](https://keybase.io/itai)

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## WORK EXPERIENCE

**Software Engineer at Apple** (07/16–Present, [apple.com](http://apple.com))

- Designing, developing, and maintaining code on the Foundation Framework

**Software Engineering Intern at Apple** (05/15–08/15, [apple.com](http://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](http://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](http://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](http://fashionsnoops.com))

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## 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