David Barsky

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Education

Fall 2013-2016

Brandeis University
Computer Science, B.S.
Completed additional coursework in Economics.

Work Experience

Summer 2015

Localytics
Software Engineering Intern
- Developed an iOS port of the web dashboard using Swift and functional reactive programming techniques
- Contributed to the Scala-based event processor

Summer 2011–2012

Sloan Kettering
Summer Research Intern
- Studied nuclear pore gene expression in the mouse embryo using bioinformatic tools
- Received award from the Intel Science Talent Search recognizing outstanding research

Selected Open Source Projects

Spring 2015

Gadabout
- Developed social iOS application that allowed users to find free time with friends
- Written using Objective-C, Sinatra

Spring 2015

Surveyor
- Designed and developed a surveying/marketing tool aimed at college students
- Written using Ruby on Rails

Technical Skills

Languages: Swift, Objective-C, Java, JavaScript (ES6), Go, Scheme, Ruby
Tooling: UIKit, Express, Mocha, Chai, PostgreSQL, Ruby on Rails, LaTeX

Classwork

Current: Distributed Systems, Theory of Computation
Past: Database Management Systems, Operating Systems, Structure and Interpretation of Computer Programs, Data Structures and Algorithms