

# Saad Ismail

Software Engineer at Facebook

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## Summary

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## Experience

### **Software Engineer at Facebook**

May 2017 - Present

### **Software Engineer at IBM T. J. Watson Research Center**

January 2016 - April 2017 (1 year 4 months)

- Developed the architecture & codebase (with the team) for a visual programming language, that I designed, in Swift
- Created an iOS app, in Swift, to track and sync health data from connected health devices and HealthKit
- Developed both the web front-end (JS) and back-end (NodeJS/PHP) for a data management system
- Implemented a complex grid UI on the iPad to create and manage application shortcuts
- Led the technical efforts for an IBM sponsored Hackathon. Created starter apps and technical guides.
- Attended a MicroMBA course to gain knowledge in business fundamentals
- Presented at an IBM internal iOS meet-up regarding iOS concepts and libraries

### **Research Intern at IBM T. J. Watson Research Center**

May 2015 - August 2015 (4 months)

- Invented and designed a new card based drone programming language
- Researched visual programming (Scratch, NodeRed, etc) and other programming methodologies
- Implemented drone tracking features in an iPad application using Swift

### **Co-founder & Mobile Developer**

January 2014 - August 2015 (1 year 8 months)

- Developed iOS & Android Applications to track data usage on mobile devices
- Continuously improved development processes, codebase, and the product (from a development and a business standpoint)

### **Software Developer at AirWatch**

May 2013 - July 2014 (1 year 3 months)

- Developed the AirWatch Browser for Windows 8 and Windows Phone 8 platforms
- Built out the AirWatch Framework and SDK for the Windows 8 and Windows Phone 8 Platform

- Worked with multiple obfuscation tools to obscure sensitive parts of the code
- Implemented App to App interaction for the Windows Platform to leverage Single Sign On in AirWatch
- Developed an iOS Email Client with the iOS Email Client Team at AirWatch
- Built out the S/MIME Solution for the AirWatch iOS Email Client
- Participated in Recruiting at AirWatch by going to college career fairs to recruit students

### **Engineering Intern at Pegasystems**

May 2012 - August 2012 (4 months)

- Developed and integrated exporting charts in PRPC
- Researched and implemented various solutions for server side exporting with FusionCharts
- Wrote Eggplant scripts for automated testing

### **Undergraduate Assistant at Georgia State University**

August 2009 - May 2010 (10 months)

- Programmed assignments in LaTeX
- Responsible for setting up DiMoS Website
- Organized server files for easy access by employees

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## Education

### **Georgia Institute of Technology**

Master of Science (MS), Computer Science, 2014 - 2015

### **Georgia Institute of Technology**

Bachelor of Science (BS), Computer Science, 2010 - 2013

### **George Walton Highschool**

High School Diploma with Distinction, 2005 - 2009

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[Contact Saad on LinkedIn](#)