

# robert s mozayeni

✉ rob15@umbc.edu 📞 240-888-5745 [in](#) rsmoz [🌐](#) rsmoz

software engineer

## + summary

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iOS developer studying Computer Science at The University of Maryland, Baltimore County.

## + employment

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### Treehouse Island, Inc.

Software Engineering Intern

I created the iOS client for Treehouse's in-house email replacement system. Later, I assisted with QA and development of new features for the Treehouse iPad application.

## + accomplishments

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National Forensics League · Degree of Merit Dec 2010

National Forensics League · Degree of Honor Oct 2011

National Forensics League · Degree of Excellence Dec 2012

National Forensics League · Degree of Distinction Mar 2014

Montgomery County Debate League · Debate County Semifinalist Mar 2014  
Top 4 debater in a league of several hundred debaters.

MHacks · Top 10 Sep 2014

I worked on Tesla in the Home, a device that automatically starts mixing a drink when it detects one's car pulling into the driveway, when it is remotely started via an app, or even when one tells Siri, "Make me a drink!"

PennApps · Top 10 Sep 2014

I worked on Scolio, an app that uses accelerometer data and user input to determine whether the user should see a physician to be checked for scoliosis.

HackUMBC · 2nd Place Sep 2014

I created Routr, an iOS Safari Action Extension that scans the HTML of a webpage for actionable data types and then looks for apps on the system that can handle those data types.

2330/2400 · SAT

## + activities

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High School Debate Team · Member, then Captain Aug 2010 to Mar 2014

I joined the team as a Freshman in 2010. With the start of my Senior year in 2013, I became a captain. As a captain, I worked with my two co-captains to lead our large debate team to win 1st Place in the county.

## + projects

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### Snappp for iOS

I created an app that automatically scans user-supplied screenshots of Snapchat snaps for a caption and countdown watermark, which it then automatically removes with little to no distortion. I wrote an algorithm from scratch to detect the watermark, and wrote another algorithm which employs my own correction methods in conjunction with the OpenCV library to remove the watermark. Snappp has had tens of thousands of downloads. Nearly 2/3 of users who have downloaded Snappp continue to use it on a monthly basis.

### Bitcoin Live for iOS

I created an app that uses push notifications to show the current exchange rate of Bitcoin on the app icon. Bitcoin Live reached #9 in the Finance category of the App Store.

## + skills

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#### TECHNICAL

Objective-C  
Swift  
git  
Python (Some)  
Haskell (Learning)  
Functional programming (Learning)

#### PUBLIC SPEAKING

Lincoln-Douglas debate  
Public forum debate