

▶ summary

iOS developer and Swift enthusiast studying Computer Science at The University of Maryland, Baltimore County. Graduating May 2018.

▶ projects

Caption Remover iOS

Caption Remover (formerly Snapp) has been downloaded over 450,000 times. Upon becoming a paid app, Caption Remover entered the US Top 100 paid apps, and became the #2 paid US Social Networking app in the App Store. Caption Remover employs my own algorithms in conjunction with the OpenCV framework to automatically remove watermarks from Snapchat screenshots.

Bitcoin Live iOS

Wrote an app that used high-frequency push notifications to display the current exchange rate of Bitcoin on the app icon. Bitcoin Live reached #9 in the Finance category of the App Store.

▶ skills

MOBILE DEVELOPMENT

Swift
Objective-C

TECHNICAL – MISC

Bitcoin/Blockchain
Python

PUBLIC SPEAKING

Lincoln–Douglas Debate
Public Forum Debate

▶ employment

Apple, Inc.

Software Engineering Intern, tvOS

Cupertino, CA

May 2016 to Aug 2016

Treehouse Island, Inc.

Software Engineering Intern, Mobile

Jun 2013 to Aug 2014

Created iOS client app for in-house messaging system and assisted with development of new features for the iPad application.

▶ achievements

Apple · CVE-2015-5892

Sep 2015

Apple officially recognized me for discovering and reporting a security issue with Siri in iOS 8, which could be exploited by an attacker to access personal user information, including 2FA tokens, while a device was locked. Apple then fixed the issue in iOS 9.

Apple · WWDC 2015 Scholarship

May 2015

Every year, Apple hosts their week-long Worldwide Developers Conference, where they introduce new products to consumers as well as new technologies to developers. Tickets are hard to come by, but I was awarded a ticket for my software submission to their student scholarship program.

2330/2400 · SAT

>99th Percentile. Perfect scores in 2/3 categories.

Montgomery County Debate League · Debate County Semifinalist

Mar 2014

National Speech and Debate Association · Degree of Distinction

Mar 2014

National Speech and Debate Association · Degree of Excellence

Dec 2012

National Speech and Debate Association · Degree of Honor

Oct 2011

National Speech and Debate Association · Degree of Merit

Dec 2010

▶ activities

UMBC Hackers · Workshop Teacher

Aug 2014 to Current

I teach iOS workshops and attend hackathons with UMBC Hackers.

Hackathon Awards: 2nd Place HackUMBC F14, Top 10 MHacks F14, Top 10 PennApps F14.

High School Debate Team · Member/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.