

## Bio

Hi, I'm Usmann, a student software developer looking for an internship. I wrote Whitagram for Android, an Android app with over 1,700,000 (and counting) users worldwide. I'm currently studying at Purdue University.

## Education

### Purdue University May '18

*B.S., Computer Science* (GPA: 3.57) West Lafayette, IN  
Major GPA: 4.00, Dean's List x1,  
Sem. Honors x1

## Experience

### Alere Analytics Lowell, MA

*Clinical Development Intern* Summer '12 & '13

Worked in C on a clinical decision support system in use by hospitals, healthcare providers, payers, EHR companies, systems integrators and government entities. Coded rules that instructed care providers on what to do in certain patient situations.

### Freelance Development Shrewsbury, MA

Summer '12 - Present

Demonstrated knowledge of HTML, PHP, and MySQL in constructing an e-commerce website for use by a business (RSVP-Kicks.com). Wrote multiple Android applications in Java, amassing a total of over 1.5 million users to date. Obtained and maintain a revenue of over \$6,000/mo. from solo software development ventures.

## Projects

### Snapsave Fall '13

*Android Application*

Created an unofficial Java API and Android app for Snapchat, allowing users access to many more features than the official app made available. Attracted over 300,000 users on the Google Play Store.

### RSVP Sniper Spring '14

*Desktop Application*

Developed and sold a C++ program using the Twitter API to, on release days of extremely limited merchandise, scan store Twitter pages for release links or information and then purchase the item for the user. This would ensure the user either a valuable item or a profit on resale. Attracted over 300 users/month.

## Leadership

### FTC Robotics Team 5183

*Co-Captain* Fall '11 – Spring '13

Led a team of 10 students in competing in the FTC Robotics tournament from 2011-2013 as co-captain and sole programmer. Was responsible for overseeing finances, obtaining sponsors, and managing the team members. Competed in state championship during our first season. Won state championship and ranked in the top 65 in the world at the world championships during our second season. Coded exclusively in a form of C (RobotC) and C Libraries.

## Skills

### Platforms

- Windows, OS X, UNIX

### Languages

- Advanced: Java
- Proficient: C, HTML, Python, PHP, MySQL, BASH, Javascript

### Technologies

- JQuery, SciPy, NumPy, Apache Commons, Avairy, GIT, Vuforia, Unity

### preView Fall '14

*iOS & Android Application*

Created an Augmented Reality app using Unity, C#, and Java that, for area planning purposes, superimposed objects such as buildings or furniture onto image targets captured in the phone's camera. Made use of the Vuforia API by Qualcomm. Won top 10 at the Boilermake Hackathon and the Qualcomm 1<sup>st</sup> prize.

### Whitagram for Android

Winter '13

*Android Application*

Wrote a photo editing application in Java for Android meant to be used in conjunction with Instagram. Included a unique feature that would edit images in such a way that Instagram would not auto-crop them. Attracted over 1.7 million users to date.