

Job advertisement:

Instagram - Software Engineer, Android (Live Infrastructure) in San Francisco, California

Intro:

Over a billion people use Instagram, which means jobs here offer countless ways to make an impact in a fast growing organization. Instagram was built to connect people to the people and interests they love. Our app has played a critical part in forming meaningful communities where people can connect with each other and share what matters most to them.

Summary:

Instagram Live has quickly become the largest real-time streaming platform in the world. The Live team has also launched Video Chat in May 2018. As a Software Engineer on the Live team, you will help make Instagram the best place for people to connect more deeply with their friends or followers through shared, real-time experiences. We seek Android Engineers that are passionate about delivering high-quality interactive experiences, by both using state-of-the-art technology to enable brand-new functionality, as well as by improving the quality and performance of existing solutions.

The position is full-time and based in our San Francisco, CA office.

Required Skills:

1. Help conceptualize, architect and implement new functionalities to enable new features on Instagram Live and Video Chat.
2. Identify and execute on opportunities to improve performance and reliability (e.g. reducing crashes, errors and latency, improving video quality) of existing streaming video infrastructure.
3. Work closely with, and incorporate feedback from other engineers within and outside the team.

Minimum Qualifications:

1. 2+ years experience building Android applications
2. Experience in understanding large code bases, including API design techniques
3. Experience writing unit tests and testable code

# Job skills Checklist

## handling complaints

Working at the guest service counter for Yoke's (a regional grocery store) I gathered experience dealing with complaints daily. I was able to efficiently handle all returns and resolve each customer's complaints in a timely manner.

## thinking of creative ideas

Creativity is the basis for my current financial endeavor; I used my creative thinking to develop a product which I am making and will soon be selling.

## setting priorities

Working at the guest service counter for Yoke's (a regional grocery store), I often had to prioritize which task to do next. The counter had two registers that I oversaw, and also a computer for postal operations. There was often a need to quickly determine the priority level of tasks and execute the task based on priority level.

## delegating responsibility

When attending the WSU Crimson Code hackathon, I delegated responsibilities for each partner's coding tasks. We ended up going on to present and won prizes for our team's resulting project.

## maintaining accurate records

In the creation of my cup holder invention I've had to maintain accurate records of all our finances and record pricing on each component of the project in order to keep track of profit margins.

Michael Campbell

880 NE Providence Court Apt. H304

Pullman, WA 99163

September 5, 2018

Dear Hiring Manager:

I am writing in response to your job advertisement for Instagram Software Engineer. Would you please consider me for a position as a member of your team? I believe that my unique skills and experiences qualify me for the position.

My experience in android development, as well as the creation of a physical product have prepared me for this position. The first thing I ever programmed was an android app, and over the years since my skills as a computer programmer have only further developed. I have coded several android applications and have over 3000 downloads total across the applications I have made. Alongside my coding abilities I have created a physical product that has allowed me to design something around an end user experience. This product is the cup holster, it is a desk mounting cup holder that can hold cups and mugs of most any size. I feel that this combination of abilities gives me the perfect qualifications to be a member of your team!

Please review my attached resume as it provides additional information on my experience and achievements. Thank you for the opportunity to apply for this program and if you need any additional information feel free to either call me or email me at (509)554-7565 or [michael.a.campbell@wsu.edu](mailto:michael.a.campbell@wsu.edu).

Sincerely,

Michael A. Campbell

# Michael Campbell

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[www.Thirdfloorinnovations.com/about](http://www.Thirdfloorinnovations.com/about)

## Summary:

With my combined unique skill set of creating a business based on a physical product, and my knowledge and experience within the field of computer science, I am an invaluable asset to any team. I can take on any task, big or small and am equipped to solve any challenge I face.

## Summary of Qualifications:

Hard Working	Dedicated
Customer Service	Detail Oriented and Organized
Creative Problem Solver	Computer Programming

## Activities:

- Award Winning Crimson Code Demo
  - Won prizes for my 2018 Crimson Code Hackathon project.
- Built Android Applications
  - Built android applications for both android wear and android based smartphones with downloads totaling over 3000
- Researched and Developed Floating Pool Speaker
  - Designed and built a pool speaker that plays music both above and below water
- Founder of Cup-Holster
  - A small business that is based around my patent pending invention; the cup holster, a desk mounting cup holder that holds cups, mugs, phones, headphones etc.

## Professional Experience:

Job Title: Cashier/Guest Service  
Business: Yokes Fresh Market  
Richland WA 99352  
Responsibilities: Take returns, work the USPS booth and assist customers in making orders.

Job Title: Chief Financial Partner  
Business: Cup-Holster  
Pullman WA 99163  
Responsibilities: Keep logs of financial records, manage/coordinate company direction and design products.

## Education:

**Hanford High School**  
**Graduation date: 2015**  
**Richland WA, United States**

**Washington State University - BS Computer Science**  
**Graduation Date: 2020(anticipated)**  
**Pullman WA, United States**