

# andrewakers

software engineer

## about

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## programming

♥ C, Java  
Javascript, Python,  
x86\_64 Assembly  
CSS3 & HTML5

## interests

low level code, open source, security, tinkering

## education

since 2012 **BS in Computer Science**  
Expected graduation May 2016

Loyola Marymount University

## experience

2011-2015 **6th Street Consulting** Intern  
Deployed and maintained small and medium business networks, both on premises and in AWS/Azure. Also worked with a team to build and deploy corporate intranets based on SharePoint for large clients.

since 2015 **SpaceX** Mission and Launch Operations Intern  
Work with a small team to build and maintain a worldwide network of ground stations. Primary responsibilities were monitoring infrastructure and developing custom hardware and the software to run it.

## projects

2015 **Geoff** GitHub  
An operating system developed from first principals for CMSI 387. Built roughly along the lines of littleosbook.github.io.

2014 **Wearables UI Research** SCCUR  
Did a comparative analysis of the learnability of the UIs of Pebble, Android Wear, and Google Glass with a partner. Presented a poster at the Southern California Conference for Undergraduate Research.

2014 **PebbLIFX** GitHub  
A Pebble application to control LIFX Bulbs from a Pebble. Built initially on AndroidLIFX, later moved to the official library.

2014 **AndroidLIFX** GitHub  
Unofficial API to support LIFX bulbs in Android and Java applications

2014 **Captionr** GitHub  
Website to automatically synchronize transcripts with a YouTube video. Built with a partner in 48 hours for LA Hacks.

## awards

2011 **Finalist** CyberPatriot III  
Lead a team of 5 into the top 12 through an Air Force Association sponsored CyberSecurity competition, out of around 400 teams across the nation.

2010 **3rd Place** CyberPatriot II  
Got third place in an Air Force Association sponsored CyberSecurity competition out of around 200 teams across the nation.