

# Marty Kausas

Software Engineer

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## OBJECTIVE

To find a software engineering opportunity with a progressive company.

## EXPERIENCE

### Qualcomm

- Software Engineering Intern. Worked on a team to develop internal tools for the SIM card and modem team to reduce testing times from 3 months to 8 hours  
**Summer of 2015**

### FIRST FRC Robotics Team

- President. Head of Software and Electrical Engineering. Led a team of 65 with SCRUM management. Programmed robot autonomous modes, vision processing, and logic  
**June 2012 to June 2014**

### JacobTyler Branding Agency

- Web development intern. Helped a team develop and debug websites: outofafricapark.com, ergomotion.us  
**Summer of 2012**

### University of California, San Diego

- Researcher. Collaborated with PhD candidates on a research project to create a moisture sensor to conserve water in the community  
**October 2012 to January 2013**

### Zero Robotics

- Worked with a team to program autonomous virtual satellites in the MIT Zero Robotics C++ programming competition  
**September 2012 to June 2014**

## LEADERSHIP

### Purdue Hackers

President of the 400 member community. I lead a team of organizers to throw events such as hackathons, mentorship programs, and more  
**May 2015 to Present**



### BoilerMake

Sponsorship lead on BoilerMake, Purdue's annual student run hackathon attracting 2,000 applicants. On a team of three raising over 220k  
**January 2015 to Present**



### CS Undergraduate Student Board

On the board that bridges students in Computer Science between administration and Purdue's Corporate Partners. Currently implementing a program to help students get internships  
**April 2015 to Present**



## SKILLS

Java, Swift, C, Javascript, GIT, SCRUM, HTML, CSS

## EDUCATION



Purdue University, Class of 2018  
B.S. in Computer Science  
Certificate in Entrepreneurship  
GPA 3.52

## HACKATHONS



### HackIllinois

Created an method of providing communication to victims of natural disasters through hotspots on quadcopters  
**University of Illinois. February 2015**



### HackMizzou

Created control system for flying a quadcopter using a LEAP motion controller  
**University of Missouri. October 2014**



### WildHacks

Developed and published a Pebble watchface that realtime tide and surf information from the closest beach to your location  
**Northwestern University. November 2014**



### BoilerMake

Created an Android app that assists in event and architecture planning through augmented reality  
**Purdue University. November 2014**



### HackMobile

Created an iOS app that communicates with a smart alarm clock for a more healthy approach of waking up every morning  
**Qualcomm. July 2015**



### Hack the Planet

Developed a Pebble App which allows users to set financial budget goals for periods of time  
**Computer History Museum. August 2015**

### PennApps

Created a Google Chrome extension that converted words to 'smarter' thesuarized counterparts to make web users smarter  
**University of Pennsylvania. January 2015**

## RELEVANT COURSEWORK

### Current

Data Structures and Algorithms  
Computer Architecture  
Calculus III

### Past

Problem Solving and Object Oriented Programming  
Foundations of Computer Science: Discrete Math  
Programming in C  
Entrepreneurship and Innovation I, II  
Calculus I, II