Marty Kausas
Software Engineer

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Links | martykausas.me
Marty Kausas @ LinkedIn
mkausas @ GitHub

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 cheap 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 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 a 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
Published a Pebble watchface that displays 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

Hack Mobile
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 that 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' thesuarsized 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