

# John Kuhn

## Software Developer

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## Profile

### Goal

Sophomore Computer Science undergraduate with programming experience seeks opportunity to continue to develop skills with a professional summer internship.

## Education

### Purdue University - Computer Science, Mathematics

Fall 2016 – Winter 2019

Currently pursuing an undergraduate degree in Computer Science from Purdue with a minor in math. GPA 3.8 and will graduate a semester early in 2019. Computer Science courses have a specialization in machine learning.

## Work Experience

### Peakey Enterprise LLC – Software Developer

June 2015 – August 2016

Summer 2017

Working as a full stack developer, I assisted Peakey in the maintenance of several of their client websites and web applications, as well as develop new products. Products I created include Axiom, a mobile development platform, and Peakey's PBX software for phones. Summer 2017 I updated the infrastructure of a local hospital's web application used in patient check ins.

### Tecomet – IT Internship

Spring 2016

Working in Tecomet's IT department I was able to learn about various aspects of data storage, security, and hardware. I helped trouble shoot problems the company faced day to day.

### DePuy – IT and Compliance Internship

Fall 2015

Working with the IT department I was able to assist in meeting management and online procedure list coordinating. Advanced my skills in Excel and communication.

## Skills

### Technical

Full Stack JavaScript  
jQuery  
Java

NodeJS  
HTML & CSS  
C, C++

Python2  
C#, SQL  
Cad Software

## Projects

### Purdue Investment Club Founding Father

Founded an Investment club my first semester at Purdue, Fall of 2016. The club aims to educate undergraduate students about our stock market, economic trends, and how to make money. We regularly host talks by PhD's and industry professionals. 80 current active members.

### Mac and Cheese Mobile App

Built an iOS app using both react-native and swift3 to alert users when macaroni and cheese is being served in one of the dining courts at Purdue. 2000+ downloads.

### Computer Generated Chopin Music

With Andrew Karpathy's LSTM machine learning algorithm I was able to train a neural net using classical piano pieces by Chopin. Computer outputted unique pieces of music resembling Chopin. Bettered my skills in C and Lua. Found on my github.

### Movie Clips Trivia Alexa Skill

Made a skill for the amazon Alexa where she plays a movie audio clip and the user has to respond with the movie the clip came from. Skill is using an AWS lambda function and S3 database.