

# William Kang

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## EDUCATION

<b>Purdue University</b> , West Lafayette, IN	Aug 2016 – Dec 2020
<ul style="list-style-type: none"><li>Bachelor of Science in Computer Science</li></ul>	
<b>Wilbert Tucker Woodson High School</b> , Fairfax, VA	Sep 2012 - May 2016
<ul style="list-style-type: none"><li>Advanced Studies Diploma</li></ul>	

## PROFESSIONAL EXPERIENCE

<b>Business Tech Intern, Sallie Mae</b> , Indianapolis, IN	May 2018 – Aug 2018
<ul style="list-style-type: none"><li>Developed new shared UI components: datepicker and modal.</li><li>Components are structured with Reagent (Clojurescript React) to work on most web browsers.</li></ul>	
<b>Creativity and Graphics Lab, George Mason University</b> , Fairfax, VA	Jun 2017 – Aug 2017
<ul style="list-style-type: none"><li>Build an artificial intelligent model that computationally identifies 3D markers in drawings.</li><li>Integrated deep learning with Keras API.</li></ul>	
<b>Xtern Bootcamp</b> , Indianapolis, IN	May 2017 - Jun 2017
<ul style="list-style-type: none"><li>Create a website that helps users to manage their daily tasks.</li><li>Utilize GitHub API to make a website that fetches GitHub profiles on demand.</li></ul>	
<b>Virginia Mathematics League, Woodson High School</b> , Fairfax, VA	Sep 2012 - Jun 2016
<ul style="list-style-type: none"><li>Received Certificate of Achievement for outstanding scores in statewide competition</li></ul>	
<b>Air Force Cyber Patriot National Cyber Defense Competition</b>	Oct 2014 - Jun 2016

## PROJECTS

<b>ColorCody</b> (HackUTA)	Oct 2018
Personalized smart color management app that identifies, selects, and reminds the best color suited to individual interest. Built using native Swift iOS , app uses proven personal color theory to dynamically determine new individualized color every day.	
<b>PlentyFull</b> (IndyHack)	July 2018
Application that helps people locate food pantries. Includes an integrated GPS system to help users easily identify key locations. Compatible with both Android and iOS (React).	
<b>MuscleBoy</b> (ArchHacks)	Oct 2017
Fitness app with easily viewable visualization of the users' weekly muscle usage. Contains functional list of exercises and a journal to encourage users to keep track of their progress. Made with Android Studio.	

## SKILLS

**Languages:** JAVA, C, C++, Swift, Clojure, ClojureScript, ReactNative, JavaScript, CSS, HTML, PYTHON  
**Software:** Unity, Photoshop, Illustrator, Bryce, Google Sketch-up, Microsoft Office Suite  
**OS:** Android, iOS

## CIVIC ACTIVITIES AND INVOLVEMENT

<b>Taekwondo Competitor &amp; Instructor</b> , Yong In Tae Kwon Do, Burke, VA	Apr 2011 - Present
<ul style="list-style-type: none"><li>4<sup>th</sup> degree black belt Tae Kwon Do, 2<sup>nd</sup> degree black belt Hap Ki Do</li></ul>	
<b>Sprinter and Hurdler in Co-Ed Track and Field &amp; Cross Country</b> , Woodson High School	Sep 2012 - Jun 2016
<ul style="list-style-type: none"><li>Represented Hurdle in Regionals Track and Field Competition</li></ul>	
<b>The Presidential Volunteer Service Award – Gold Level</b>	2012