

# William Kang

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## EDUCATION

<b>Purdue University</b> , West Lafayette, IN	Aug 2016 – Dec 2020
❖ Bachelor of Science in Computer Science	
❖ Minor in Mathematics	
<b>Wilbert Tucker Woodson High School</b> , Fairfax, VA	Sep 2012 – May 2016
❖ Advanced Studies Diploma	

## PROFESSIONAL EXPERIENCE

<b>Software Engineer, Boeing</b> , Fairfax, VA	Jan 2021 – present
❖ Author a number of key features across the full stack for Boeing's SIGINT product.	
❖ Design and implement scripts that automate data collection.	
❖ Active Top Secret security clearance.	
<b>Software Engineer Intern, Sallie Mae</b> , Indianapolis, IN	May 2018 – Aug 2018
❖ Explore ClojureScript's compatibility with Java to develop various web UI tools through React-Native. Launched UI tools such as datepicker and modal.	
❖ Participate in Scrum meetings to get familiarized with Agile development methodologies.	
<b>Visiting Researcher, Creativity and Graphics Lab, George Mason University</b> , Fairfax, VA	Jun 2017 – Aug 2017
❖ Research artificial intelligent model that computationally identifies 3D markers in 2D drawings.	
❖ Integrated deep learning with Keras API.	
<b>Software Engineer Xtern Bootcamp</b> , Indianapolis, IN	May 2017 – Jun 2017
❖ Create a website that helps users to manage their daily tasks.	
❖ Utilize GitHub API to make a website that fetches GitHub profiles on demand.	

## PROJECTS

<b>PadoruRun</b>	Dec 2020
A spin-off of Google's dino run game. Made with Unity (C#). Check out the game using the link below. <a href="https://play.unity.com/mg/other/hashire-sori-yo-kaze-no-you-ni-tsukimihara-wo-padoru-padoru">https://play.unity.com/mg/other/hashire-sori-yo-kaze-no-you-ni-tsukimihara-wo-padoru-padoru</a>	
<b>PlentyFull</b> (IndyHack)	Jul 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 a functional list of exercises and a journal to encourage users to keep track of their progress. Made with Android Studio (Java).	

## SKILLS

**Languages:** JAVA, C, C++, Swift, Clojure, ClojureScript, ReactNative, JavaScript, CSS, HTML, PYTHON, C#

**Software:** Jira, Confluence, Jenkins, Bitbuckets, Aseprite, Unreal, Unity, Photoshop, Illustrator, Google Sketch-up