



BRANDON BARKER

SOFTWARE ENGINEER

LANGUAGES

Java	Scala
Python	TypeScript
JavaScript	AppleScript
HTML/CSS/LESS	Lua
CoffeeScript	Go
Bash	C++
Apex	Groovy
	C#

FRAMEWORKS

NodeJS	Netty
Gulp	Jackson/Json
Grunt	JDBI
Makefile	Google App
ReactJS	Engine
JQuery	Amazon Web
Spring	Heroku
Google Web	Django
Maven	Docker
Gradle SQL	web2py
Postgres	Flask

CONTACT



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SOCIAL



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@ProjectBarks

ABOUT

I am a proud tinkerer, inventor, nerd, student, and full-time software developer. From prosthetic arms, and educational learning platforms, to eye exams, it has been my goal to innovate for the future.

WORK EXPERIENCE

YURGOSKY CONSULTING
Software Consultant Intern

Jun 2016 - Oct 2016

- Developed solutions to simplify non-profit's daily tasks and integrated it into Salesforce.
- Created a error reporting system for communication between clients and the company.

AIRPHRAME, INC.

Software Engineer Intern

Jul 2015 - Oct 2015

- Designed, built, and maintained web sites, using authoring or scripting languages, content creation tools, management tools, and digital media.
- Created the mapping platform's aerial avoidance system and integrated video based capture.

CLOUDMINE, INC.

Software Engineer Intern

July 2014 — Feb. 2015

- Created a continuous integration system generating docker environments for easy automated staging and production testing.
- Worked on the Android API platform to ensure continuity and scalability.

AWARDS

1ST PLACE AT THE CODE FOR GOOD COMPETITION

Oct 2016

Created an application to motivate underprivileged kids into working to get to college through the gamification of scholarships.

2ND PLACE AT THE HACKBCA HACKATHON

Apr 2014

Competed with over 500 students to invent an application in the 24-hour deadline. Created iOculist, an app to test eyesight acuity.

2ND PLACE AT THE COMPUTER FAIR

May 2014

Made an app showing historic locations in the area.

BROADCOM MASTER FOR PROSTHETIC ARM

Oct 2011

Developed a mind-controlled prosthetic arm. Received recognition from the Navy, the Army.

PROJECTS

MIND CONTROLLED PROSTHETIC ARM

Used an EPOC headset process EEG and control a LEGO arm

IOCLIST

An eye exam without a doctor, testing: astigmatism, color blindness and etc

DYNAPP

A packaging system for android to allow for dynamic code injection

BEATSYNC

Using a custom web protocol, song can be synced across any device

INFINITY-CACHE

A cache system for android to sync information across activities

WORDIEL

A collision system to generate word clouds and intricate image designs

More projects available at www.brandonbarker.me