Arthur Li

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EDUCATION	**University of Illinois at Urbana Champaign**	**May 2018**
	B.S. Computer Science & Math	

EXPERIENCE	**S&C Electric Company**	June 2015 – August 2015
	Mobile Development Intern	Alameda,CA

- Lead in development for an app to communicate and automate operations with S&C embedded devices
- Integrated custom libraries and Salesforce API
- Designed workflow for multithreaded functions

Mad Lab Industries	June 2014 – August 2014
Software Engineer Intern	Aurora, IL

- Lead in prototyping the Aerocell portable air pillow pump station with LCD touch screen interface
- Constructed mini quad copters with GPS tracking and PID controller
- Organized team of professional Engineers to construct hovercraft

Closing Bid	June 2014 – August 2014
Software Engineer Intern	Chicago, IL

- Developed Craigslist data scraper with jsoup html parser library for Java
- Coded parts of website with PHP

ACTIVITIES	**International Collegiate Programming Contest**	January 2015 – Present
	Co-President	UIUC

- Lead meetings to teach numerous programming algorithms
- Organized Programming Competition 2015 sponsored by Dropbox
- Organized tryouts and weekly practices for ICPC Team for regionals
- Member of Regional Team

PROJECTS	**ScavAR (Project at WildHacks)**	November 2015
	1st *Place at WildHacks & Best use of Braintree API*	

- Augmented reality scavenger hunt on mobile devices that renders 3D models for multiple users compete for highest score
- Implemented Augmented reality component with Vufloria Unity API
- Created Custom 3D models

Pokemon Showdown on Android (Project at BoilerMake)	October 2015

- Android client app to play competitive Pokemon
- Allowed players to play with players with the android app and existing Pokemon Showdown web app
- Implemented servers with Pokemon Showdown open sourced code
- Communicated with servers with web sockets

Simply Paper (Project at MHacks V)	February 2015

- Web Application that converts website designs to html/css code with preview of website design
- Implemented computer vision with OpenCV python library

Cellular Lock (Project at Boilermake)	October 2014
Best Use of Twilio API	

- Smart Lock controlled with digital systems
- Implemented text to lock communications using Twilio API

SKILLS	**Computer Languages**

- Java (Intermediate), C#, HTML5, CSS/CSS3, C++, C, Python, PHP, SQL Server

Development Software

- Eclipse (Intermediate), Android Studios (Intermediate), Github (Intermediate), SourceTree(Intermediate)

Languages

- Chinese(Working Proficiency), Spanish(Functional)

MISC	**Hobbies**

- Competitive Super Smash Bros Melee: Mains Marth
- Chess: Queens Gambit and King's Indian All Day