

# ANDREW BROOKE

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## EDUCATION

**University of Cincinnati**, Cincinnati, OH

Bachelor of Science in Computer Science

Dean's List | Cincinnati Scholarship

**Class of 2019**

GPA: 3.80 / 4.00

**Centerville High School**, Centerville, OH

Honors Diploma | National Honors Society

**Class of 2014**

GPA: 4.07 / 4.00

## EXPERIENCE

**Kinetic Vision - Mobile / Web Development Co-Op**

- Built iOS apps with Objective C & Swift
- Developed augmented reality apps using Unity3D & C#

**January 2017 -**

**May 2017**

**UC App Lab on Main - NodeJS Developer**

- Developer for web applications using NodeJS  
ExpressJS, Mocha, Redis, Socket.io

**September -  
December 2016**

**Trayak LLC - Software Development Co-Op**

- Lead developer for Android application  
Client written in Java, server API's in Java (Hibernate / SQL)
- Developed analysis platform for app usage statistics  
NodeJS server to collect statistics, stored in MongoDB.  
Built dynamic web-app to view statistics with jQuery & Chart.JS
- Lead developer for AngularJS web-application with PHP backend  
Wrote unit / e2e tests, configured deployment using  
Bamboo

**May 2015 -  
August 2016**

### Entrepreneurship & Personal Projects

- Co-founded a tech startup focusing on app development  
Experience with business and project management
- Native Android and iOS application published to app stores  
NodeJS and Firebase backend  
Unit-testing, code coverage, CI (Travis)  
Responsive material design, Lollipop+ APIs
- Android puzzle game published to Google Play  
Google Play Services & Firebase implementation

## SKILLS

**Web:** NodeJS, Firebase, AngularJS, jQuery, HTML, CSS

**Mobile:** Android w/ Java, iOS w/ Objective C & Swift

**Object Oriented Programming:** Java, C#, C++

**Database:** MySQL, MongoDB, Redis

**Project Management:** Git, Agile (Scrum), CI

## ACCOLADES

**Various Programming Competitions & Hackathons**

Top 10 @ Hack OH/O 2016 | Best Teamwork award  
Miami University, ICPC, Revolution UC

**2014 - Present**