

# Arthur De Araujo

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## EDUCATION

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### University at Buffalo, State University of New York

**Expected:** May 2020

*Bachelor of Science in Computer Science*

**GPA:** 3.7/4.0

- Member of the National Society of Collegiate Scholars.
- UB ACM 2017 - 2018 Secretary. Designed and developed a new responsive website for the chapter.

### MakeSchool Summer Academy — Manhattan, New York

*June - Aug 2014*

- Earned a scholarship to attend the academy which 50 out of 5,000 people were admitted.
- Learned iOS game development skills through intensive training and development.

## RELEVANT EXPERIENCE

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### University at Buffalo - CrowdHydrology — Backend Web Developer / Research Intern

*June - Present 2018*

- Developing an open-source backend system in Python v3.6 utilizing Twilio's SMS API, Django framework, and SQLite database to receive, store and graph crowdsourced water height data via SMS from citizen scientists.

### NYC Event Spaces — iOS Developer and Designer

*Jan 2018*

- Designed the app based on the employer's needs, intuition and the competition's products using Sketch.
- Created client-facing pages which displays venues at locations for rent using Swift and Firebase.
- Implemented admin-facing pages which provide the ability to add, delete and edit location and venue information.

### Possumus — iOS Developer

*July - Aug 2017*

- Collaborated closely with an Android and backend engineer to define, design, and ship new features using Swift.
- Created the app from scratch to make a real-time parking spot finder, navigator, and automatic payment processor.
- Optimized productivity and UI/UX using personal design ingenuity to tweak designs and reformat to Sketch.

### Rednote — iOS Developer

*April - May 2017*

- Used Swift and Sketch to integrate and implement various social features.
- Expedited development by taking on UI intensive features, and utilizing AutoLayout efficiently.

### FrescoNews — iOS Developer Intern

*June - Aug 2016 | Dec - Jan 2017*

- Used Objective-C and Zeplin to implement features such as the following/follower feed, purchase status indicators, and other features along with general bug fixes.
- Increased retention and user base by implementing various custom and fundamental social features.

## SHIPPED PROJECTS — 1,000+ Monthly Active iOS Users (3 more on [www.arthurdearaujo.com](http://www.arthurdearaujo.com))

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### Lecture Buddy — Awarded Grand Prize from SPARK Mobile App Contest — iOS • Sketch • Swift *Released Jan 2018*

- Created an iOS app that transcribes a professor's speech during a lecture and highlights the important sentences whenever customizable keywords like 'important' and 'remember' are spoken.

### UBDevs.com — NodeJS • Express • MongoDB • jQuery • HTML • CSS • Git • Sketch

*Released April 2017*

- Developed a website to help students and entrepreneurs find talented UB developers and UB ACM members by displaying their modifiable skills, resume, website, name and email.

### UB Anti-Social Club — iOS • Sketch • Swift • Zeplin • Git

*Released Nov 2016*

- Designed and developed a fully anonymous message board iOS app similar to Yik Yak yet exclusively for students at the University at Buffalo to exchange ideas, photos, events, and other campus related information.

### Hacker Outbreak — 35,000+ Downloads — iOS • Spritebuilder • Obj-C • Bluetooth • Git

*Released Aug 2014*

- A two player fast-paced typing game in which players try to 'hack' their opponent's device.

## HACKATHON PROJECTS (2 more on [www.arthurdearaujo.com](http://www.arthurdearaujo.com))

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### MyCart — Awarded MongoDB Prize — iOS • Swift • Python • PyMongo • Flask • Euphony • Face++ Inside • Git

- Developed a simple sales solution in place of a cashier and cash register. *Upstate Hacks 2016*
- Used facial recognition technology to identify the shopper's age, smile amount and gender.