

Jake Waldner

678.577.9849 • jwaldner3@gatech.edu • jakewaldner.com • linkedin.com/in/jake-waldner

EDUCATION:

Georgia Institute of Technology, Atlanta GA

Bachelor of Science in Computer Science

- Threads/Concentration: People & Intelligence
- GPA: 3.55/4.0

August 2015 – Present

Expected Graduation: May 2019

WORK EXPERIENCE:

Android Developer Intern (*POSSIBLE Mobile*), Atlanta, GA

May 2018 – August 2018

- Active member in Agile/Scrum team for the Bleacher Report Live Android app.
 - Acquired experience leading daily standup, participating in backlog grooming and ticket pointing
- Furthered knowledge in Android UI elements, useful APIs, and architecture refactoring
 - Implemented commerce CTAs to encourage user in app purchases
 - Improved knowledge through useful APIs: Retrofit2 for networking and RxJava for Async call refactoring
 - Gained understanding of MVVM architecture through refactoring legacy code

Software Intern (*Utility Inc.*), Decatur, GA

May 2017 – August 2017

- Developed various Android applications, created a data scraper for for a mobile USB router, and wrote automated QA tests for Utility's AVaiL web service using the java Selenium API
- Furthered android skills by developing applications that implemented QR scanning, data persistence, and OpenCV for canny edge detection
- Developed a license plate detection application using OpenCV and various edge detection algorithms

PROJECTS:

Mario Sketchbook App (*Android*)

- Android pseudo-AR interactive playground game app developed with a team at a hackathon
- Enabled phone camera to detect scene drawn on rectangular piece of paper
- OpenCV used to detect geometric contours of drawn shapes to be used as platforms
- Application was a finalist at UB Hacking

Telephone Pictionary App (*Android*)

- Worked with a team at a hackathon to develop the Android version of a cross platform game app
- Implemented components to create a canvas screen where an image can be drawn in various colors and line widths
- Application won most technical hack award at DerbyHacks2

Twitter Assistants (*Python*)

- Developed a twitter bot that lets users ask questions to several voice assistants simultaneously at a hackathon
- Bot handled passing questions and answers to and from voice assistants

Scribbler Robot (*Python*)

- Constructed an heuristic to determine the orientation and color distinction of a line using camera data
- Created GUI and keyboard controller for the robot using a graphics library amongst others

EXTRACURRICULARS & LEADERSHIP:

Beekeeper-Go: Vertically Integrated Project

January 2018 – Present

- Working with team to develop an educational app about bees using Unity
- Recently took on a lead position to onboard and assist new members and plan meetings

IOS Club

August 2017 – Present

- Gaining experience in IOS development through Xcode

Computer Science Club President

August 2014 – April 2015

- Responsible for creating lessons; leading in computer programming activities; instructing those new to coding.
- Started the year teaching SNAP! to build coding foundations and eventually progressed to simple Java

SKILLS:

Programming Languages and APIs: Java, Python, SQLite, Android, Selenium, OpenCV, RxJava (moderate)

Operating Systems and Software: Windows7/10, macOS, Sublime, Android Studio, IntelliJ (basic), Linux (basic)

Languages: English (native), Spanish (basic verbal and written)

Other Interests: Swimming, Biking, Travel