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# Michael Melatti

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## GEORGIA INSTITUTE OF TECHNOLOGY, COLLEGE OF COMPUTING

*Master's in Computer Science (current remote student)*

GPA: 4.0/4.0

Expected May 2019

## THE UNIVERSITY OF GEORGIA, COLLEGE OF ENGINEERING

*Bachelor of Science in Computer Systems Engineering*

GPA: 3.71/4.0

Presidential Scholar / Dean's List, Zell Miller Scholarship

May 2017

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## PROFESSIONAL SUMMARY

Current Master's student with experience in programming, embedded systems, microcontrollers, and circuits. Professional work experience in software development, Unit testing, Cyber Security, Android Development, Full Stack Development, Database Management, Computer vision and Unity Engine emphasis in VR/AR and mobile. Published game on Google Play: "FlapBee". Published research in Virtual Reality Interfaces and Education. Developer Name: SoapBox SoftWare.

## TECHNICAL SKILLS

**Programming Languages:** Java, C#, C, C++, SQL, Python

**Operating Systems:** Windows XP/Vista/7/8/10, Unix, OSX

**Internet:** Javascript, HTML, CSS, XML, Java EE, PHP, AWS, Django

**Software/Toolsets:** Android SDK/NDK, Unity, Blender, Gimp/Ps, Visual Studio, VI, Source Control, Maven, GLSL, OpenGL, CG, phpMyAdmin, IOS, Virtual Reality/Augmented Reality, OpenCV

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## WORK EXPERIENCE | INTERNSHIP EXPERIENCE

**AT&T** Washington D.C.

June 2017-Current

*Sr. Specialist Cyber Security (government contract and team lead)*

- OpenCV, developed ALPR for mobile and AR applications including backend.
- Plate detection optimized from 5 seconds to near instantaneous. (Haar Cascade Classifier)
- Created peer to peer communication Android plugins for Unity.

**UGA School of Pharmacy** Athens, Georgia

January 2016-June 2017

*Full Stack Developer (independent contractor)*

- Developed surveying tool from ground up for outpatient research. Used Twilio for SMS.

**Kaiser Permanente** Atlanta, Georgia

May 2016-August 2016

*Database Administrator Intern*

- Completed in house DB intake web app. Provided DBA support.

**The Principal Financial Group** Des Moines, Iowa

May 2015-August 2015

*Application Developer Intern*

- Scaled Agile 500 software developers experience.
- Implemented new methodology and tools for automated testing across application suite.

**University Housing** Athens, Georgia

August 2013-May 2016

*Resident Assistant*

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## SCHOOL ORGANIZATIONS

**IEEE - Founding Member:** *Secretary, Software Chair, Founding Member*

August 2013-May 2017

- Led team developing website for IEEE Women in Engineering conference.
- Lectured for college students every Monday on different web development topics

**University Research:** *In Collaboration with Dr. Johnsen and Dr. Savadatti*

August 2016-May 2017

- Researched and developed new tools for VR communication.
- Published in Kelvar and presented at 2017 IEEE VR Los Angeles