Michael Melatti

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https://mmelatti.github.io

GEORGIA INSTITUTE OF TECHNOLOGY, COLLEGE OF COMPUTING

Master's in Computer Science (current remote student) Expected May 2019
GPA**:** 4.0/4.0

THE UNIVERSITY OF GEORGIA, COLLEGE OF ENGINEERING

Bachelor of Science in Computer Systems Engineering May 2017
GPA: 3.71/4.0
Presidential Scholar / Dean's List, Zell Miller Scholarship

PROFESSIONAL SUMMARY

Current Master's student with: embedded systems, microcontrollers, circuits. Professional experience Software Development Cyber Security, Android Development, Full Stack Development, Database Management, Agile, 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: SoapBoxSoftware

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, Redis, Flink, Twilio, Spring.

WORK EXPERIENCE | INTERNSHIP EXPERIENCE

Goldman Sachs New York May 2018-Current
Summer Technology Analyst
- Optimized long running batch jobs and processes to near instantaneous feedback.
- Predictive models ML

AT&T Washington D.C. June 2017- May 2018
Sr. Specialist Cyber Security (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

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 IEEE and presented at 2017 IEEE VR Los Angeles