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Michael Melatti

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GEORGIA INSTITUTE OF TECHNOLOGY, COLLEGE OF COMPUTING

Master's in Computer Science
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

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 (ALPR) 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, Linux, Unix, OSX
Internet: Javascript, HTML, CSS, XML, Java EE, PHP, AWS, Parse.com (Scalable Cloud Databases)
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

WORK EXPERIENCE | INTERNSHIP EXPERIENCE

AT&T Washington D.C. <i>Sr. Specialist Cyber Security (government contract and team lead)</i> <ul style="list-style-type: none">Used OpenCV, developed License Plate Recognition for mobile and AR applications.Plate detection optimized from 5 seconds to near instantaneous. (Haar Cascade Classifier)Created peer to peer communication Android plugins for Unity.	June 2017-Current
UGA School of Pharmacy Athens, Georgia <i>Full Stack Developer (independent contractor)</i> <ul style="list-style-type: none">Developed surveying tool from ground up for outpatient research. Used Twilio for SMS.	January 2016-June 2017
Kaiser Permanente Atlanta, Georgia <i>Database Administrator Intern</i> <ul style="list-style-type: none">Completed in house DB intake web app. Provided DBA support.	May 2016-August 2016
The Principal Financial Group Des Moines, Iowa <i>Application Developer Intern</i> <ul style="list-style-type: none">Scaled Agile 500 software developers experience.Implemented new methodology and tools for automated testing across suite applications.	May 2015-August 2015
University Housing Athens, Georgia <i>Resident Assistant</i>	August 2013-May 2016

SCHOOL ORGANIZATIONS

IEEE - Founding Member: <i>Secretary, Software Chair, Founding Member</i> <ul style="list-style-type: none">Led team developing website for IEEE Women in Engineering conference.Lectured for college students every Monday on different web development topics	August 2013-May 2017
University Research: <i>In Collaboration with Dr. Johnsen and Dr. Savadatti</i> <ul style="list-style-type: none">Researched and developed new tools for VR communication.Published in Kelvar and presented at 2017 IEEE VR Los Angeles	August 2016-May 2017