

Michael Melatti

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THE UNIVERSITY OF GEORGIA, COLLEGE OF ENGINEERING Bachelor of Science in Computer Systems Engineering

Expected May 2017

- **GPA:** 3.71/4.0
- Dean's List / Presidential Scholar, Zell Miller Scholarship

PROFESSIONAL SUMMARY

Current University student with experience in programming, embedded systems, microcontrollers, and circuits. Professional work experience in financial software development, building Android games in Unity Environment and constructing websites using Bootstrap/Enterprise Java Web Applications backend with Scalable Cloud Databases. Published App on Google Play: "FlapBee" Currently completing research as undergrad in the area of Virtual Reality and the HTC Vive. Developer Name: SoapBox SoftWare

COMPUTER 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, Unity, Blender, Gimp/Ps, MS Visual Studio, VI, Emacs, Eclipse, Git, SVN, Maven, Atlassian software, Soap UI, RAD, Spring Elements, Junit, Google Analytics, SharePoint, Asana, APEX, phpMyAdmin

WORK EXPERIENCE/ INTERNSHIP EXPERIENCE

UGA School of Pharmacy Athens, Georgia
Full Stack Developer

January 2016 – Current

- Developing survey tool from ground up for outpatient research.
- Full Stack Development creating web app, utilizing Twilio API, Responsive Design, phpMyAdmin.

Kaiser Permanente Atlanta, Georgia
Database Administrator Intern

May 2016 - August 2016

- Completed in house DB intake web application using APEX.
- Provided database administer support for Click 2 Cloud databases.

AT&T Atlanta, Georgia
Senior Design Project

January 2016 - May 2016

- Developed in house networked application for call representative training.

The Principal Financial Group Des Moines, Iowa
Application Development Intern

May 2015 - August 2015

- Worked on Scrum team within Scaled Agile Framework with over 500 software developers.
- Implemented automated testing suite for existing web application.
- Contributed Java DOM and tree node xml data structures to existing Junit tests.
- Created Web Application PTO submission tool to automate and expedite the request process with an internal application.

University Housing Athens, Georgia
Residential Assistant

August 2013 - May 2016

SCHOOL ORGANIZATIONS

IEEE: Secretary, Software Chair, Founding Member

August 2013 - Current

- Responsible for developing responsive website from the ground of the Women in Engineering Conference held in the Spring.
- Resource to new web developers providing lectures on numerous web development topics.

University: Under Dr. Johnsen and Dr. Savadatti

August 2016 - Current

- Developed new tools for the Unity Engine and Steam Virtual Reality. Pending workshop publication.