

## Macdonny R. Saintil

Software Developer

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### EDUCATION

GEORGIA STATE  
UNIVERSITY  
AUGUST 2013 – MAY  
2018

BACHELOR OF SCIENCE, COMPUTER SCIENCE

### EXPERIENCE

GEORGIA STATE  
UNIVERSITY - CENTERS  
FOR DISEASE CONTROL  
AND PREVENTION  
MAY 2017 – PRESENT

SOFTWARE DEVELOPER, STUDENT ASSISTANT

- Built an open-source cross-platform application with AngularJS, Flask, PouchDB (NoSQL DB) and Electron that performs analytics such as Linear Regression using Python, and has a form designer to create forms and collect data from patients
- I improved software automation/deployment/testing with Docker, Jenkins, and Gulp

UPS  
FEBRUARY 2017 – JULY  
2017

DEVOPS COOP

- Utilized Docker containers to containerize existing UPS enterprise applications. Containerizing these applications greatly improved debugging, logging, application sustainability, the overall development environment, and development cycle

CITYWITS  
NOVEMBER 2014 –  
PRESENT

CO-FOUNDER, SOFTWARE DEVELOPER

- Developed a web application to enable various types of businesses to simply advertise discounts through various social media platforms and receive vital statistical insights for business growth
- I used Django and Django REST Framework to create the backend API. MySQL as the Database. We used AngularJS and Bootstrap to create a responsive frontend

### LANGUAGES

Python, PHP,  
Java, SQL,  
JavaScript,  
HTML5, CSS3

### TECHNOLOGIES AND SKILLS

Agile Scrum,  
Team Lead,  
Django, Django  
Rest Framework,  
AngularJS,  
Docker, Ionic  
Framework,  
Hadoop, DevOps,  
Linux, NodeJS,  
Android, Apache,  
Git, APIs, DevOps

**FREELANCE**  
AUGUST 2015 –  
DECEMBER 2016

**FULL STACK DEVELOPER**

- Manage client web sites and complete multiple tasks by deadlines, and conduct weekly evaluation meetings with clients
- During meetings, I would brainstorm creative and efficient features to implement based on what my client wants
- I refurbish client's websites into a mobile responsive design using Bootstrap, HTML, CSS, and JavaScript

**INVOLVEMENT**

3<sup>rd</sup> place overall  
at HackATL  
Hackathon

- Created an Android app that helps track and manage a user's daily nutritional intake using Microsoft Azure Machine Learning and Clarifai API.

**MANHATTAN  
ASSOCIATES**  
JANUARY 2016 – MAY  
2016

**RESEARCH AND DEVELOPMENT COOP**

- Part of the R&D Integration Unit. Worked with another Coop to develop a web application with JSP MVC that would pull configuration settings from Red Hat JBOSS, Apache Tomcat, and IBM Web Sphere Servers to detect configuration errors by comparing those configurations to an XML file
- Deployed the web application on a Linux machine with a Tomcat web server. Also, trained on the basics of Supply Chain Intelligence and Inventory optimization

**PantherHackers**

- Tech Committee
- Compete at Hackathons

**LAMP CAMP**  
MAY 2015 – AUGUST 2015

**SOFTWARE DEVELOPER, TEAM LEAD**

- Developed an e-commerce pipeline that tracked an order from ordering to shipping station using Linux, Apache, MySQL, and with a custom PHP MVC framework
- Solved and Implemented complex e-commerce business logic dealing with shipment logistics, sale orders and shipment fulfillment
- Led daily Scrum stand up meetings. Managed team Git repository and delegated work to each developer within development cabin.