



Brian Steven Ekasala

bekasala2015@fau.edu | (561) 596-9169
[linkedin.com/in/ekasala](https://www.linkedin.com/in/ekasala)



Honor Society For The Computing Sciences

EDUCATION

Florida Atlantic University
Bachelor of Science in Computer Science
Master of Science in Computer Engineering
GPA: 3.4 / 4.0

Boca Raton, FL
B.S. August 2019
M.S. December 2019

COURSEWORK

Introduction to Artificial Intelligence, Principals of Software Engineering, Foundations of Computer Science, Introduction to Internet Computing, Data Structures, Computer Operating Systems, Stochastic Models for Computer Science, Semantic Web Programming, Data Struct/Algorithm Analysis, Introduction to Microprocessor Systems, Structured Computer Architecture, Python Programming, Form Languages & Automata Theory, VLSI Design

TECHNICAL SKILLS

Languages: **C/C++, JavaScript, PHP, Python, SQL, ASP.NET, jQuery, HTML5, CSS3**
Operating Systems: **Linux, Windows, Apple iOS, Android OS, and macOS**
General Software: **MS Office, Google Suite, Visual Studio, NetBeans, Putty, XAMPP, WordPress**
Design Software: **LASI 7, Quartus II**
Hardware: **Raspberry Pi, Arduino, MSP430G, LAN/WAN and a variety of IoT infrastructure**

PROJECTS

Web Development and Promotion (Freelance, Summer/Fall 2018)

Setup EC2 instances on AWS. Ported elastic IP's to instances. Installed images of predominately Ubuntu and LAMP on EC2 instances. Programmed primary DNS's to point domains to referenced server. Full stack development of each individual companies' web presence (which included Facebook, Twitter, and LinkedIn). Took drone footage and photographed job sites to populate timelines with original content. Backend development geared toward analytics.

- Experience with AWS, WordPress, PHP, HTML5, CSS3, JavaScript, Related API's, Breeze Drone, Adobe Creative Suite, E-Commerce, and even the FAA on flight restrictions for the drone were all used in helping to develop solutions for local businesses related to their growth and productivity.

Semantic Web Programming (Cross-Platform App Development, Spring 2017)

Designed and created cross-platform applications for everything from physics to ultimately a platform that could be used as a calculator much like that of an app, but all browser based.

- Experience with Mongo DB, HTML5, CSS3, and JavaScript to develop a browser-based calculator.

FAU/IBM Bluemix Hackathon (IoT Software Development and Integration, Spring 2016)

Developed software that interacted with wired IoT components using a Raspberry Pi and Arduino interface.

- Experience with the hardware and software provided to our team by IBM to develop a sensory system that remotely tracked the usage of different study areas within the 'Cube' (the college's main area of study). The data obtained could then be used for a variety of studies which went beyond the scope of this project.

EXPERIENCE

Ekasala Business Consulting

Freelancer - Consultant

Boca Raton, FL
November 2016 – Current

- Assist professors and local businesses with needs related to their growth and productivity.
- Full-stack web, IoT, and software development aka contract work.

Govgistics

Software Inside Sales Representative

Boca Raton, FL
September 2018 – January 2019

- Use web-based tools to identify and source government DoD contracts for prospective customers.
- Generate sales revenues by performing product demonstrations to prospective customers.

Florida Atlantic University

Student Mentor - Tutor

Boca Raton, FL
January 2017 – September 2018

- Helped bridge the gap between a student's study and real-world examples of its use.
- Tutored freshman and junior students in the area of computer science and engineering.