

Henry Andrew Semaganda

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||<https://hsemaganda.github.io/HenrySemagandaPortfolio/>
421 N WOODLAND BLVD, DELAND, FLORIDA

EDUCATION:

Bachelors of Science in Computer Science, Stetson University, Florida Expected May 2022
Minors: Data Analytics, Spanish GPA 3.8

RELEVANT COURSEWORK:

Discrete Math, Introduction to Computer Science 1 & 2, Data Structures, Algorithm Analysis, Software Development 1, Database Systems, Independent study □ **Web development** with JAVA and MySQL Server (JSP, Servlets, and JDBC)

SKILLS:

Java, Python, HTML/CSS, SQL, Some knowledge in JavaScript and ABAP

EXPERIENCE

Information Technology Summer Intern

Naturiipe, Estero, Florida,

June - August 2020

- As a member of the Database team, I have remodeled stored procedures to assist comparisons of the Sales data for current time-periods vis-à-vis the previous time-periods.
- I have taken on the model-building portion of the sales and sales v. claims project in early June.
- Building DP dashboard for Sales & PM, BBQI/Gold Standard dashboard for PM, Incoming POs dashboard for PM & Transportation to monitor inbound product, all incorporating use of SAP analytics.

Business Intelligence Assistant

Stetson University, Office of Institutional Research

Aug 2019 – present

- Data Visualization: Created Power BI reports using data from the College Freshman and Senior surveys using Microsoft PowerBI, Excel and DAX.
- Designed Argos reports using SQL language, Argos Enterprise Reporting software, with Banner Student Information System that improve information fetching by the Stetson University faculty.
- Transferred data from the Operational Data Store to the new faster Banner Information system.

IT Support Assistant

Department of Technology, Stetson University

Aug 2019 – May 2020

- Help with troubleshooting computer systems on the Stetson university campus
- Manning the Information Technology Helpdesk, helping resolve customer difficulties in accessing the University platforms or systems.

INVOLVEMENTS & AWARDS

Global Citizenship Full Ride Scholarship Award, Stetson University. 2018 - 2022
Stetson Access Grant, Stetson University 2018-2022

Member of Planning Committee, Hackerspace

Stetson University

2018 – present

- Secured sponsors for the high-school hackathon fall 2019
- Oriented Deland High School students to programming using python.

Volunteer with EducationUSA

United States Embassy, Kampala

January 2016- July 2018

- Organized a boot camp to educate and prepare middle school students for SAT Math

Student Ambassador, Stetson University

November 2018 –

present

- Experience building relationships, guiding students, public speaking and organization of activities

Teaching Assistant, Stetson University

2018 -

present

- Effective communication with professors, organization and mentoring students
- Held weekly Office hours, graded homework and led review sessions weekly