

Henry Andrew Semaganda

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EDUCATION:

Bachelor 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, Web development with JAVA, MySQL Server, JSP, Servlets, JDBC

SKILLS:

Java, Python, HTML/CSS, SQL, C++ (in progress), some knowledge in JavaScript and ABAP, SAP

EXPERIENCE:

Information Technology Summer Intern

Naturipe LLC, Estero, Florida,

June 2020 - Aug 2020

- Collaborated with the Database team to remodel stored procedures, hence assisted comparisons of the Sales data for current time-periods vis-à-vis the previous time-periods using Microsoft SQL Server and Visual Studio.
- Contributed to the model-building portion of the sales and sales v. claims project in early June.
- Built 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, DeLand, Florida

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, DeLand, Florida

Aug 2019 - May 2020

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

INVOLVEMENTS & AWARDS:

Computer Science Tutor, Stetson University

May 2019 - present

- Facilitated effective communication with professors, organization and mentoring students
- Held weekly Office hours, graded homework and led data structure review sessions weekly
- Aided underclassmen in further understanding fundamental Computer Science classes in Java, Python

Member of Planning Committee, Stetson Hackerspace

Stetson University

Nov 2018 - present

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

Student Ambassador, Stetson University

Nov 2018 - present

- Enhanced acclimatization and relationship building for freshman students
- Organized and coordinated new student orientation activities

Volunteer with EducationUSA

United States Embassy, Kampala

Jan 2016 - July 2018

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

Global Citizenship Full Ride Scholarship Award, Stetson University.

April 2018 - May 2022

Stetson Access Grant, Stetson University

Jul 2018 - May 2022