**CV**

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Github- https://github.com/Paulos\_ned

**Education**

**Bachelor of Science in Computer Science May 2018**

Addis Ababa University, AA, Ethiopia Overall GPA: 3.8

**Bachelor of Science in Computer Science May 2020**

Addis Ababa University, AA, Ethiopia Overall GPA: 3.8

**Technical Skills**

Programming Languages: **C++, C, Java, HTML, CSS, Python**

Operating Systems: **Android Mobile Development, UNIX**

**Projects**

**Vocab Challenge**

* Constructed rudimentary artificial intelligence that can be challenged which chooses most optimal words

**A2SV projects**

* Constructed rudimentary artificial intelligence that can be challenged which chooses most optimal words

**Education-Related Experience**

FSU Computer Science Department **August 2014 – May 2017**

**Data Structures and Algorithms Project**

* Used C++ to write a program to convert from infix to postfix expressions using a stack data structure.

**Database Systems Project**

* Created a website that displayed local food and drink deals around Tallahassee. The web application used HTML and CSS for the application design and PHP for accessing the relational MYSQL database.

**Advanced Java Programming Project**

* Implemented the board game Sorry using libraries from the JavaSE 8 API. The game was developed using GUI and object-oriented class design.

**Android Mobile Programming Project**

* Designed a mobile application, TwitterGetter, to view tweets in a specified range of the user using Android Studio and the Twitter API as part of a class-assigned group project.

**Software Engineering Project**

* Created a mobile application, GetALife, by working through the Software Development Lifecycle to provide the user with a list of activities depending on location, time of day, and interests. The application was developed for Android.

**Object-Oriented Programming**

* Understood the Object-Oriented Programming concepts and C++ techniques.
* Created a String class containing many of the <string> class library features.
* Implemented Sieve of Eratosthenes algorithm operating on single bits for memory savings.
* Familiarized with Linked List data structure.

**Unix Projects**

* Created multiple shell scripts using the bash shell. Familiarized with UNIX environment and commands.

**Computer Organization I**

* MIPS Assembly program producing a histogram based of the image provided.
* Understanding of Computer Architecture, digital logic and processor design.

**Other Experience**

**Camp Counselor** (Summer)Kingsley Pines Camp, Panama City, FL **June 2016 – August 2017**

**Involvement**

Technole **August 2015 – May 2017**

* Attended and participated in collegiate programming contests while working alongside students from other universities to create one of a kind projects in a designated period of time.