

Rodrigo Alberto Linares Araoz

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Education

University of Maryland, College Park

August 2015 - Present

B.S. in Computer Science. Minor in Mathematics.

GPA: 3.19/4.00

Honors: Dean's List. Expected Graduation: December 2018

Montgomery College

August 2013 – May 2015

Coursework towards A.A. in Computer Science.

GPA: 3.70/4.00

Expected completion: Spring 2017

Honors: Dean's List, Board of Trustees Scholarship, Montgomery County Executive Hispanic Gala Scholarship

Projects

Data Manager in Java

Spring 2016

Implemented a Java-based Data Managing system to compute students' grades, the system received different exam types (multiple-choice, true/false, etc.), would choose a grading criteria grade the exams accordingly, and would store the data corresponding to each student.

Shell Implementation in C

Summer 2016

Modified a shell program in C to implement the commands that a regular shell normally executes. Additional features included the pipe and Boolean operators as well as file redirection.

Implementation of a Simple C Compiler in Ocaml

Fall 2016

Implemented a parser to read a simple C file, which contained basic operations (loops, conditionals, etc.) and printed the programs in a syntactically correct format. Additionally, I used the parser to evaluate the programs and print their output.

Skills

Programming Languages: Java (Eclipse), C, Assembly, Ruby, Ocaml, Matlab, HTML5, Swift

Office Tools: MS Word, Excel, PowerPoint, Eclipse

Operating Systems: Mac OS X, Linux Ubuntu, Windows 7 and 10

Other Skills: Spanish bilingual, proficient in French