

Emiton Alves

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📄 www.github.com/Emiton

Education

Master of Science in Computer Science

UNIVERSITY OF RHODE ISLAND

Kingston, RI

September 2018 – May 2020 (expected)

Programming Bootcamp - 9 Months

CAREERDEVS COMPUTER SCIENCE ACADEMY

Providence, RI

March 2018 – December 2018

Bachelor of Science in Mechanical Engineering

UNIVERSITY OF RHODE ISLAND

Kingston, RI

September 2011 – December 2016

Bachelor of Arts in German

UNIVERSITY OF RHODE ISLAND

Kingston, RI

September 2011 – December 2016

Experience

FM Global

SOFTWARE ENGINEERING CO-OP

Johnston, RI

January 2019 – Present

- Created configuration tokenization script which automates environment configuration and increases speed of build deployment
- Expanded error monitoring system to include a 24/7 accessible web application as opposed to email reports
- Designed testing suite for document migration tool

University of Rhode Island

SPIN+ DIVERSITY PROGRAM GRADUATE TUTOR

Kingston, RI

February 2019 – Present

- Aided in the recruitment of underrepresented students in computer science
- Provided 1-on-1 tutoring for 200, 300, and 400 level computer science courses

University of Rhode Island

TEACHING ASSISTANT - OBJECT ORIENTED PROGRAMMING

Kingston, RI

September 2018 – December 2018

- Led laboratory sessions focused on object oriented programming
- Assisted professor in determining areas of debility for student body

Continental Tires

DESIGN ENGINEERING CO-OP

Hannover, Germany

March 2016 – August 2016

- Established and managed new polymer mixing process which led to higher elasticity of production polymers
- Drafted 3D CAD models for experimental manufacturing equipment undergoing testing in R&D
- Designed manufacturing layout in order to increase production throughput and optimize use of manufacturing grounds

Skills

Programming Languages: Java, C#, Python, HTML, CSS, Javascript, MySQL

Technologies/Methodologies: Git, GitHub, Linux, Raspberry Pi, Agile, Scrum

Projects

Stock Portfolio Monitoring Application

A WATCHDOG APPLICATION WHICH FOLLOWS A USER'S STOCK PORTFOLIO. IT SENDS DAILY EMAIL AND/OR SMS UPDATES TO USER. ADDITIONALLY ALERTS USER WHEN STOCKS EXHIBIT NOTICEABLE CHANGE

C#, Selenium Webdriver, React, SQL

32 Bit Virtual Machine

A VIRTUAL MACHINE BUILT FROM SCRATCH AND CAPABLE OF RUNNING BINARY FILES

C, Bash

JPEG Image Compressor

A LOSSY IMAGE COMPRESSOR DRIVEN BY A LUMINANCE-CHROMINANCE TRANSFORM

C, Bash