JOE ALLAIN J. DOLLETE

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github.com/jdollete

PROJECTS

Lava Typer
GitHub | Heroku

- A typing game that lets the user practice and improve their typing efficiency
- This app also has the ability to record a user's typing efficiency and speed and see global scores of other players
- Developed and deployed in one week using the Ruby on Rails framework, CSS Bootstrap, and HTML5 Canvas

MovieFace 2.0
GitHub | Heroku

- An IMDB clone that allows users to search for a movie title and displays its poster, trailer, user ratings/reviews, and synopsis
- Developed and deployed in 2 days using Ruby on Rails framework, CSS Bootstrap, YouTube Data API, and OMDb API

Tripynary
GitHub | Heroku

- A travel app that enables users to store their itinerary, expenses, packing list, and other notes for planned trips
- Currently an ongoing personal project using Ruby on Rails framework, CSS Bootstrap, Google Maps API, and Dark Sky API

EXPERIENCE

Virginia State University, Department of Technology, Petersburg, VA
Instructor | September 2011—June 2016

- Advised multi-disciplinary students to make sure they are on track for graduation
- Participated in student recruitment and retention through outreach and giving talks to potential students visiting the campus
- Supervised the design, testing, and construction of the University's Society of Automotive Engineering Formula-1 race team
- Performed duties as a coordinator for the ABET Accreditation Committee in Mechanical Engineering Technology

NASA Langley Research Center, Hampton, VA
Student Research Mentor | May 2013—August 2013

- Mentored two Virginia State University students for a ten-week summer research program on radiation shielding
- Collaborated with students to create a Python program that simulates different layering patterns of Hydrogen Nanotubes under the supervision of a NASA employee

RELEVANT SKILLS

Ruby
Rails, Sinatra
TDD (RSpec, Jamsine, Capybara)
HTML5/CSS3
Javascript
JQuery, AJAX, Canvas, React
PostgreSQL, SQLite
ActiveRecord

OTHER SKILLS

AutoCad
CAD/CAM
Geographical Information System
Microsoft Office
MatLab
Mathematica
Siemens PLM (NX8.5)
Siemens Solid Edge
SolidWorks
Adobe InDesign

EDUCATION

Full-Stack Web Developer
Dev Bootcamp
New York, NY
August 2016—December 2016

Masters in Engineering
Mechanical Engineering
Stevens Institute of Technology
Hoboken, NJ
Concentration in Product Development
August 2009—May 2011

Bachelor of Science
Manufacturing Engineering
Virginia State University
Petersburg, VA
Minor in Mathematics
August 2006—May 2009