

Prince Avecillas

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<https://github.com/Primike> <https://medium.com/@avecillasprince>

Technical Skills

Programming Languages: Ruby, JavaScript, Python; Familiar with MATLAB
Front End: React, Node.js, Semantic UI, Bootstrap, HTML, CSS
Back End: Ruby on Rails, PostgreSQL, Heroku
Hardware: Arduino

Projects

Dr.Chungus <https://github.com/Primike/DrChungusPhysics>

A full-stack web application where users can view and study physics courses, quiz their learning, and interact with user friendly interfaces to compute numerical methods and graph equations.

- Built a responsive front end using React, JavaScript, HTML, CSS, and Semantic UI
- Implemented server side functionality, user authentication, and password encryption using Ruby on Rails
- Used a PostgreSQL database to store course data, user profiles, test scores, and encrypted login data
- Deployed application to the web using Heroku

Potatoes Portal <https://github.com/Primike/PotatoesPortal>

A full-stack web application built to model a learning management system. Teachers can organize their students into classes, assign homeworks, update grades and students can complete assignments and send notes to their teacher.

- Built interactive dashboards, student profiles, and assignment pages with React, JavaScript, HTML, CSS, and Semantic UI
- Handled HTTP, POST, and GET requests to perform CRUD operations like updating grades using Ruby on Rails
- Used a PostgreSQL database to store teacher and student profiles, encrypted login data, classes, and grades
- Deployed application to the web using Heroku

Distance Sensor <https://github.com/Primike/DistanceSensorArduino>

A hardware and software project that was built to create a distance sensor with Arduino.

- Implemented logic in C++ for Arduino to detect how close or far away an object is
- Incorporated an Ultrasonic Sensor, LEDs, Resistors, a Buzzer, and Jumper Wires to enable detection
- Built circuits and connected them from the breadboard to the Arduino to link software to the hardware

Education

Flatiron School - New York, NY June 2021 - Oct 2021
Full-Stack Software Engineering

City College of New York - New York, NY June 2021
Bachelors in Physics, minors in Mathematics and Theatre