

Parmanand Sahadeo

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EDUCATION

Flatiron School - 2016

- Full Stack Web Development, Ruby on Rails and JavaScript Fellowship

The City College of New York - 2016

- Bachelor of Engineering Degree; Major: Computer Engineering
- Electronics I & II, Software Design Lab, Operating Systems, Computer Organization
- GPA: 3.49; Dean's List Recipient: Fall 2012, Fall 2013

TECHNICAL PROJECTS

[PokeRails](#) - A Rails version of the online game, Pokemon

- Used Rails to build a backend and JavaScript to build the frontend
- JavaScript is used to load information without browser refresh
- Utilized the devise gem for secure login and the omniauth gem for Facebook authentication
- Utilized a ruby API wrapper gem, Poke-API, for generating Pokemon for the web application

[TechLister](#) - A web application that allows users to store tech products for future purchases

- Sinatra based Ruby web application
- User is able to securely login to the web application to create a list of tech products
- User can provide a link, create a note and add the product to their list

[TechBuys](#) - A gem that scrapes Best Buy's website to provide a user with a list of different types of technical products (video games, laptops, etc.)

- Ruby gem with a CLI interface
- Utilized Nokogiri gem to scrape information from BestBuy.com
- Transferred the user to the actual retail site to purchase the product

SmartCane - A "smart" cane device that enables visually impaired people to navigate throughout their day

- Used Arduino Uno and its compatible parts, including ultrasonic sensor, gyroscope and Bluetooth
- Code written in C (Arduino Uno)
- Presented Senior Design project to the Chairman of Electrical Engineering Department at CCNY
- Functionality: Alerts the user when in close proximity to an object that may be in their path through a Bluetooth enabled headphone, and an additional vibration alert for when come even closer to the object

TECHNICAL SKILLS

Languages: JavaScript (React/Redux, jQuery), Ruby, SQL, C/C++, MATLAB

Frameworks: Rails, Sinatra