daryl **smith**
software developer

contact

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dschmaryl.github.io
github: dschmaryl

skills

proficient

JavaScript
- React
- React Native

Python
- Flask
- Pandas

Linux

comfortable

TypeScript
HTML/CSS
Ruby
Git

familiar

Java
Go
C

summary

JavaScript and Python Developer with great problem solving abilities and programming skills looking to join a team and contribute to the development of interesting software. Passionate techie who loves Linux and loves learning new programming languages and frameworks.

selected projects

Fuel Efficiency Calculator
google play/mpgcalc

Android app for tracking fuel efficiency
Feb. 2019

- Log fuel fill-ups to track the fuel efficiency for each vehicle
- Developed the app using **TypeScript**, **React Native** and **Redux**
- Used **React Native Paper** to design the UI

BlackJack Trainer
google play/blackjack-trainer

Mobile app for practicing basic strategy
Apr. 2018

- Built a BlackJack training app using **React Native** and **Redux**
- Implemented **Redux Persist** for saving the app state
- Facilitated analytics with **Firebase**

Pomodoro Timer
github/pomodoro-timer

Mobile app for using the Pomodoro technique
Aug. 2018

- Designed a timer app for Android using **React Native** and **Redux**
- Utilized push notifications for alerts the when app is in the background
- Published the app on Google Play

Golf Handicap Estimator
github/golf-handicap-estimator

Web app for estimating a golfer's handicap index
Jan. 2018

- Simplified the USGA algorithm to estimate handicap based on total scores alone
- Built the single-page app using **TypeScript**, **React** and **Redux**
- Used **styled-components** for CSS styling
- Published to **Github Pages** using the **gh-pages** module

Golf Stats
github/golf-stats

Web app for tracking personal golf statistics
Aug. 2016

- Developed RESTful API using **Python** and **Flask**, with **SQLAlchemy** and **PostgreSQL**
- Created the frontend using **Jinja2**, **HTML/CSS**, **JavaScript** and **BootStrap**
- Currently building a new frontend using **TypeScript** and **React**
- Deployed the app to **Heroku**

education

Binghamton University
Binghamton, New York

B.A. in Mathematics
2012

- Member of the Pi Mu Epsilon Mathematics Honorary Society
- Relevant Coursework: Graph Theory, Linear Algebra, Financial Math, Economics