daryl smith

software developer

contact

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github: dschmaryl

skills

proficient

TypeScript
  React
  React Native

Python
  Flask
  Pandas

Git
Linux

comfortable

HTML/CSS
C#
SQL

familiar

Java
Go
C
Ruby

summary

JavaScript and Python Developer with exceptional problem-solving abilities looking to join a team that builds innovative software. Enthusiastic technophile who takes pleasure in working with Linux and exploring novel programming languages and frameworks.

experience

Millennium Systems International *Parsippany, New York*

Software Developer *2019-Present*

- Built and maintained numerous reports using the Telerik reporting framework, along with SQL, C#, and TypeScript
- Wrote Python scripts to automate various tasks which improved the speed of report development

selected projects

BlackJack Trainer *google play/blackjack-trainer*

Mobile app for practicing basic strategy *Apr. 2018*

- Built a BlackJack training app using **TypeScript**, **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 an open source timer app for Android using **React Native** and **Redux**
- Utilized push notifications for alerts the when app is in the background

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**, **Redux**, and **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**

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