Daryl Smith

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https://dschmaryl.github.io

Summary:

A passioniate software developer seeking a position in which I will be able to use my problem solving abilities and programming skills to contribute to the development of interesting software.

Professional Skills:

- Javascript: React, React Native, Redux, Node, jQuery, functional programming
- Python: Flask, Django, Pandas, Numpy, Ipython, Jupyter Notebook, pip, virtualenv
- Other languages/frameworks: HTML, CSS, Bootstrap, Git/GitHub, Ruby, Bash
- Linux: Extensive Linux experience, shell scripting, Nginx, Apache, NFS, SSH, KVM/VirtualBox

Software Projects:

- A golf statistics app using Python and Flask for saving and analyzing rounds of golf. Hosted on Heroku and uses a RESTful api for frontend to backend data exchange. Uses SQLAlchemy and PostgreSQL, Jinja2 for template rendering, and Pandas for some of the calculations. Currently building a new frontend with React.js. (https://github.com/dschmaryl/golf-stats)

- A single-page web app created with React and Redux to estimate a golfer's handicap index based on final scores. Uses a simplified version of the USGA algorithm. (https://github.com/dschmaryl/golf-handicap-estimator)

- Python scripts to ease the management of tiled window layouts in the i3 window manager for Linux. (https://github.com/dschmaryl/i3-layout-scripts)

- Blackjack training app for practicing basic strategy. Created with React Native and uses Redux and Persist for state management. (https://expo.io/@dschmaryl/blackjack-trainer)

- Pomodoro timer mobile app created with React, Redux and the Expo SDK Sound api. (https://expo.io/@dschmaryl/blackjack-trainer)

Education:

Binghamton University
B.A. in Mathematics, GPA: 3.0
Member of the Pi Mu Epsilon Mathematics Honorary Society
Relevant Coursework: Graph Theory, Linear Algebra, Financial Math, Economics

Work Experience:

C.V.L. June 2009 - Present
Retail sales and customer service. Improved customer service and product selection resulting in a noticeable increase in revenue. Other responsibilities include making deposits, placing orders, performing various technical support tasks such as replacing failed hard disks in the digital video recorder used for store security, and diagnosing various hardware issues with the P.O.S. computer.