Daryl Smith

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dschmaryl.github.io

Summary:

JavaScript & Python Developer with great problem solving abilities and programming skills looking to join a team and contribute to the development of interesting software. Passionate nerd who loves Linux and enjoys customizing all aspects of the development environment and also learning new technologies and tools as the need arises.

Professional Skills:

- **Javascript**: React, React Native, Redux, Node, NPM, 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:

- 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, and Jinja2 for template rendering. 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 Redux Persist for state management. (https://expo.io/@dschmaryl/blackjack-trainer)

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

Education:

Binghamton University
B.A. in Mathematics, 2012
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. Performed technical support tasks such as replacing failed hard disks in the DVR used for store security and diagnosing various hardware issues with the P.O.S. computer.