Permanent Address
6748 Sprague ST.
Philadelphia PA, 19119

Michael Sanders

Contact Information
215-290-7164
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Education

Pennsylvania State University   Graduation Date: May 2018
Bachelor of Science in Meteorology, Weather Risk Management Option

Work Experience

Technical Support Engineer at Johnson Controls, Philadelphia PA   **Sept 2018-Pres**
      Web Designer   **Sept 2018-Pres**
      Product Tester   **May 2018-Pres**
- Resolved customer complaints and concerns with strong verbal and negotiation skills.
- Displayed courtesy and strong interpersonal skills with all customer interactions.
- Used JavaScript and PHP to help finalize the Lux Products Website
- Located errors and bugs on the Lux mobile app.
- Developed strong problem-solving skills by figuring out the root cause for thermostat related issues.

Crew Leader at Pollock Dining Commons, University Park PA   **Sept 2013- April 2018**
      Promoted to Crew Leader   **May 2015-May 2017**
      Promoted to Student Manager   **May 2017-April 2018**
- Supervised approximately 20 personnel to ensure work environment was sanitized
- Trained new personnel and provided mentorship on sanitation procedures
- Established work solutions to stressful situations by keeping a level head, and carefully analyzing different options.
- Executed organization and inventory of workspace

Skills

- Proficient in Computer Science
  - Understanding of multiple OOP languages including **JavaScript (main language), PHP C++** and **Python**
  - Ability to work with JavaScript Frameworks like jQuery and React.
  - Experience in database languages such as SQL.
  - Ability to work on operating systems such as Linux, Microsoft Windows, MacOS, and etc.
  - Expert in MS-Access, MS-Excel and other MS-Office software packages.
- Excels in reading and analyzing different graphs and charts:
  Skew-Ts, Station Models, Meteograms, Radar and Satellite imagery, Numeric Weather Models and Ensembles.

Classroom Experience

Penn State Data Analyzer   Application of Computers to Meteorology & Survey of Atm. Science
- Analyzed and interpreted meteorological data collected by station models and satellite imagery
- Assembled Python programs to evaluate key data components and clean the other data components
- Modeled the data using python, Matlab and regular expressions

Mars Inc. Student Forecaster   Meteorology Weather Risk Management
- Forecasted in South America where soybeans are grown and advised Mars when to buy or sell soybean stocks
- Organized weekly meetings to explain the main synoptic views in South America with Mars. Acquired the most money at the end of the semester in the student group.

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