Rob Surrette

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EDUCATION

Drexel University   Philadelphia, PA

Bachelor of Science in Engineering Technology   June 2017

Minor in Engineering Management

Dean's Scholarship, 2012-2017

COMPUTER SKILLS

Languages: Python, Selenium, Swift, Javascript, JSON, HTML, CSS, Java, C++, Visual Basic, SQL, Bash

Applications: Xcode, Sublime, AutoCAD, SolidWorks, Ionic, Maple 16, Final Cut Pro, Adobe Photoshop, Fireworks, Microsoft Excel, Word, PowerPoint, Publisher

Operating Systems: Windows, Linux, macOS, iOS

EMPLOYMENT EXPERIENCE

Comcast   Mount Laurel, NJ

Business Analyst and Reliability Engineer   March 2018 - Present

- Coordinate daily replacements of defective network equipment between our field technicians and vendors
- Develop Python WebDriver scripts to automate the RMA process with our vendors
- Create weekly analytical reports in Excel to present the progress of our nationwide sparing program

Network Engineer   March 2016 - September 2016

- Used Python and Excel to build an analytical tool to improve the decommission tracking of 2,000 network routers
- Built a mobile application with a team of six for Customer Timeline for technicians to easily view a customer's history in the field
- Automated daily and repetitive network engineering tasks using Python and Excel

QVC   West Chester, PA

Quality Assurance and Packaging Engineer   March 2015 - September 2015

- Worked with vendors to improve packaging for product protection, cost-effectiveness, and out-of-box presentation
- Assisted in building analytical tools to reduce shipping fees on each package
- Assisted in creating and reviewing techniques for QA sample evaluations

BAYADA Home Health Care   Langhorne, PA

Desktop Systems Analyst   March 2014 - September 2014

- Supported field offices nationwide by installing and configuring computers via remote desktop control support tools in a TCP/IP network environment
- Investigated and resolved software and hardware technical issues and maintained networked peripherals
- Managed and prioritized problem incidents using Track-It! help desk tool

ENGINEERING SENIOR DESIGN PROJECT

Combined Algae Bioreactor and Solar Cell Array for Biofuels and Photovoltaic Electricity

Drexel University   September 2016 - June 2017

- Awarded 2nd place in the entire College of Engineering (204 teams)
- Created a bioreactor that is twice as efficient as current market solutions that also produces a surplus of electricity
- Co-authored a technical report consisting of data analysis, circuit designs and 3D flow rate simulations

iOS APP DEVELOPMENT

Patco Train Schedule, River Line Schedule, Weather by the Hour   July 2017 - Present

- Built using the Swift language and Xcode IDE while following Apple's Human Interface Guidelines
- Performed end user testing with multiple iPhone and iPad emulators in various screen resolutions
- Over 10,000 downloads and consistently updated based on user feedback and suggestions