Jason O. Burnett

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Education

Indiana University, Bloomington, IN   Expected Graduation: December 2018
Bachelor of Science in Informatics
Cognate: Security
Minor: Security
Current Cumulative GPA: 3.87/4.00
Honors and Awards: Founders Scholar 2016, 2017, 2018

Technical Skills

Languages: Python, Java, Racket (Scheme), C
Platforms: Microsoft Windows, Unix
Databases: SQL, SQLITE
Web Development: HTML, Python-CGI, PHP
Miscellaneous: Android Studios, Tableau, GitHub

Programming Courses

I211 Introduction to Computer Science:
- Learned about the systems architecture of distributed applications
- Engaged in advanced programming, including an introduction to the programming of graphical systems. (Python)

C211 Information Infrastructure II:
- Gained insight into the principles of systematic problem solving through programming and the basic rules of computation. (Racket/Scheme)

C291 Programming with C and Unix:
- Used low-level system programming using C, Unix & GitHub

I308 Information Representation:
- Converted an ERD into a Logical Schema
- Implemented the Logical Schema in a Relational Model (SQL)
- Demonstrated the ability to write advanced SQL queries to retrieve data from a SQL database and formatted the output data
- Accessed database with PHP

I400 Application Development in Java:
- Learned basics of Java programming language, variable types, classes, encapsulation, arrays, lists, and basic I/O
- Gained basic understanding of JavaFX Scene Builder

I399 Mobile Application Development:
- Developed an understanding the fundamentals of the Java language
- Increased familiarity with the GIT environment to understand version control
- Wrote fully functional mobile applications in Java, using Android Studio

Work Experience

Indiana University, Bloomington, IN   January 2017 – July 2017
Undergraduate Instructor, I211 Information Infrastructure II

- Assisted in lecture and labs to help students learn course material and programming concepts
- Completed all student assignments before lectures to better assist student learning
- Held office hours to further assist students
- Graded student course work to guidelines set by head professor

Focused Energy, Santa Fe, NM   April 2009 – May 2014
Technical Sales Manager

- Managed customer account to help grow their renewable energy business and to meet Focused Energy sales goals
- Trained staff on new products giving them information to actively sell against competing products
- Represented sales team in communication with executives with the goal of improving inner office communication and sales team productivity
- Reviewed new products for quality and sales advantages before presenting to executive, often prior to stocking new items
- Presented customer trainings and presentations to improve knowledge base of our customers on products, system design, and finance options
- Designed Grid tie photovoltaic systems for new customers with the goal of helping them improve sales and system quality

Conergy, Santa Fe, NM   May 2005 – August 2008
Off-Grid Sales Manager

- Designed and sold battery based solar/wind renewable energy systems with system design directly relating to sales
- Covered sales globally for off-grid systems
- Designed and sold water pumping systems as well as systems built to operate from wind, photovoltaic, batteries, and hybrid systems
- Determined system parameters based on electrical load analysis for proper power, charge rate, and load design
- Delivered trainings to solar professionals on renewable off-grid design to increase our customer's knowledge and their client base potential
- Operated trade show booths to represent companies' interests
- Provided Technical support for trouble shooting solar water pump systems as part of product support