

# ARIE K. WHITE

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A fast learner with the ability to apply technical and interpersonal skills to new challenges to successfully create solutions.

Enthusiastic about delivering efficient results with exceptional consideration for user interfaces.

## EXPERIENCE

### **Software Developer | May 2019 - Present** **Unified Communications, Houston, TX**

- Developed and tested software customizations using agile programming methodology
- Provided software administration
- Collaborated with other departments to provide business solutions and critical reports
- Installed, configured, and monitored software integrations
- Produced documentation of practices and procedures in compliance with company policies
- Created new and maintained existing custom scripts, records, lists, forms, and fields
- Conducted record updates by CSV file imports
- Troubleshoot issues and created quick solutions for unexpected system maintenance and defects
- Assisted marketing department with promotional mass emails and templates
- Coordinated employee software training
- Trained remote international employee for role as a NetSuite system administrator

### **Night Auditor | September 2016 – March 2019** **Hilton, Houston, TX**

- Trained others on systems, processes, and completion of reports

### **Field Service Representative | May 2016 – August 2017**

#### **Retail Data, Houston, TX**

- Traveled to various locations to collect high volumes of data and notating trends

### **Assembler | January 2016 – June 2016** **Hewlett Packard Enterprises, Houston, TX**

- Acted as a part of a team to assemble servers and independently install processors
- Adhered to safety guidelines and company policies to properly handle tools and products

## EDUCATION

### **University of Houston | December 2018** **Houston, TX**

Bachelor of Science, Computer Science  
Minor in Mathematics

### **University of Pittsburgh | Fall 2013 – Spring 2015,** **Pittsburgh, PA**

Computer Engineering Courses  
Recipient: Swanson School of Engineering, Academic Achievement Scholarship

## PROJECTS

### **Coding Workshop**

- Independently curated a free, interactive workshop for beginner coders
- Used Python programming language to demonstrate object-oriented principles
- Provided participants with resources for independent exploration

### **UC Wikimedia Project**

- Oversaw and scheduled tasks for the migration of the company Wiki site to an Azure VM
- Installed, configured and customized user permissions, extensions, and site pages by utilizing PHP and Java
- Provided administration and training for users
- Encouraged the collaboration of employees and knowledge sharing by incorporating related page links in the company ERP software.

### **Consolidated Billing Module**

- Multicomponent NetSuite customization that generates consolidated invoices.
- Created custom XML template for consolidated bills
- User friendly interface that allows the user to conduct a multi-criteria invoice search
- Improved billing process by forming a consistent method for consolidating invoices

## SKILLS

Java, C/C++, MATLAB, Python, Prolog, R, SQL, PHP, HTML, XML, JavaScript, JIRA, MS Office Suite, Azure

# PROJECTS

## Custom Order Entry Interface

- Worked in a team of two to address common user complaints in the native order entry page
- Multi-component interface that replicates original order entry functionality and integrates other improvements
- Offered page settings record for users that includes custom color themes
- Created transaction back up record for easy order correction
- Developed user event script for accompanying customer facing documents

*Skills Used* – HTML, JavaScript, SuiteScript, XML

## Margin Calculator

- Created a Suitelet that allows the customer to price an item based on a specified margin or pricing level
- Editable fields recalculate each time a new input is provided.
- Integrated with custom order entry interface

*Skills Used* – SuiteScript, HTML

## Task Automation Tool

- Developed scheduled script that allows the user to automate tasks, emails, phone calls, and schedule events based on templates
- Templates allow follow up tasks to be assigned when a task is not complete in the allotted time set by the user
- Created custom records to store template information
- Increased productivity by providing users the ability to assign tasks to departments in multistep processes

*Skills Used* – JavaScript, SuiteScript

## Tags

- Created custom record and process for adding tags to a customer account
- Clickable tags displayed on page by HTML to be used interdepartmentally
- Conceptualized the dynamic metric tagging system based on sales data that is updated on a regular interval
- Simple way sort records, reducing time spent forming saved searches

*Skills Used* – HTML, JavaScript, SuiteScript

## Related Items

- Created a custom record related to inventory items
- If applicable, users are prompted to add or ask about items based on the item entered
- Related items are shown and categorized based on recommended and required items, with required item automatically being added to the order
- Increased salesperson productivity and customer product knowledge

*Skills Used* – JavaScript, SuiteScript

### **Data Time Capture**

- Created custom record to address time dimensional data in NetSuite
- Scheduled script inputs data entries accompanied by a date
- Assists operations by storing historical data to be used to discover trends

*Skills Used* – JavaScript, SuiteScript

### **Email Assistant**

- Multi-step assistant allows users to search for customer facing sales documents and send as email attachments in a single message
- Easily accessible by button on employee record
- Increased customer service by decreasing the time to send customers sales documents

*Skills Used* – JavaScript, SuiteScript

### **Implementation of Outlier Detection Techniques**

- Constructed an outlier detection method to be used on large datasets
- Program visually classifies the points by likelihood of being an outlier

*Skills Used* – R Studio, data mining

### **Huffman Compressor/Decompressor**

- Used to compress and decompress user input using a Huffman tree data structure
- Shows user input in decompressed, compressed, and Huffman tree form as input is updated

*Skills Used* – Java, HTML

### **Sudoku/Jigsaw Game**

- Program that allows the user to play a variation of the logic game, Sudoku
- Uses predefined templates to create game board

*Skills Used* – C++

### **File Uploader**

- Allows user to upload multiple files at once to a specified record.
- Multipurpose widget that can be applied to many pages

*Skills Used* – JavaScript, SuiteScript, HTML

### **Service Level Agreements**

- Revitalized custom record to address service level agreements
- Created a scheduled script to update the current level of service based on criteria specified in the agreement
- Used for departments to track key point indicators

*Skills Used* – JavaScript, SuiteScript, HTML