

# TIFFANY MAY-PHILLIPS

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Determined full stack web developer and research specialist. Seeking a challenging position in an organization where my knowledge and expertise can contribute to a larger purpose.

## EDUCATION

### **Certificate of Completion Software Engineering**

DigitalCrafts  
Houston, TX

### **Master of Science Biological Sciences**

University of Houston – Clear Lake  
Houston, TX

### **Bachelor of Science Biological Sciences**

University of Houston – Clear Lake  
Houston, TX

## SKILLS

- ◆ Project management
- ◆ Published researcher
- ◆ Quality control
- ◆ Statistical analysis
- ◆ Leadership
- ◆ ISO Standards
- ◆ Inventory Management
- ◆ Microsoft Applications
- ◆ React
- ◆ Redux
- ◆ JavaScript
- ◆ Python
- ◆ PostgreSQL
- ◆ Node.js
- ◆ Sequelize
- ◆ Express
- ◆ CSS3
- ◆ Bootstrap
- ◆ SASS
- ◆ Firebase

## WORK HISTORY

### **Freelancer, 2017 to Current**

Multiple Companies – Houston, Texas, United States

- Develop web applications for organizations using React, Node.js, PostgreSQL, and WordPress.
- Provide technical support, troubleshooting, maintenance, and upgrades to help clients maintain their Microsoft, Apple, and Google products.
- Maintain website and initiated use of social networking sites to promote company's products.
- In-store product inventory that helps consumer goods companies with a comprehensive real-time view of store and field performance across retail channels.
- In-store product merchandising and promotions helping to improve execution and optimization of new launches and focus retail efforts on the highest value activities.

### **Developer in Residence, 2019 to 2019**

DigitalCrafts – Houston, Texas, United States

- Support students in understanding complex problems, while ensuring proper learning and growth of students.
- Mentor students in learning command line, GitHub, Python, HTML, CSS, JavaScript, Node.js, Express.js, PostgreSQL, and React/Redux.

### **Research Specialist, 2007 to 2017**

KBRwyle – Houston, Texas, United States

- Performed various research and procedures in relation to microgravity and simulated microgravity on astronauts before, during, and after spaceflight.
- Worked with several teams and cross-trained into other areas of research to save personnel requirements and financials.
- Interpreted research findings and summarized data into reports and presented data to upper management and at industry conferences.
- Carried out quality control assessments and improved processes when needed.
- Certified in every research protocol conducted by the laboratory.
- Trained other personnel in hardware, proper data collection techniques, and for multiple different research protocols.
- Led teams for various research projects from design, through implementation, and subsequently publication.
- Published in several industry journals, including *European Journal of Applied Physiology* and *Aviation, Space, and Environmental Medicine*.
- Travelled domestically and internationally to conduct research on astronauts returning from spaceflight, as well as, determine logistics for future missions.

### **Quality & Materials Assistant Manager, 2005 - 2006**

Turner Industries Group – Pasadena, Texas, United States

- Performed inventory cycle counts and physical inventories according to Materials Management established standards.
- Purchased spare parts and consumables using Oracle and Maximo software systems.
- Inspected and stored spare parts according to ASME, API, and OSHA's Mechanical Integrity program and maintained material test reports and inspection documents.
- Shipped and received spares and consumables domestically and internationally; completed commercial and pro forma invoices.
- Established minimum/maximum inventory levels of spare parts for 10 plants in Texas and Louisiana. Acted as warehouse manager in manager's absence.
- Analyzed various accounting reports, includes stores turnover reports, inventory valuations, variances reports, surplus/obsolete spares reports, and word order expenditures by cost center reports.
- Planned and coordinated materials, tools, rental equipment, and staging of equipment for plant turnarounds.

## **AWARDS**

- Bravo Award – Pilot Field Test Study Team
- Bravo Award – International Space Station Medical Project and Fluid Shifts Study Team
- Wyle Excellent in Laboratory Support Awards
- Bravo Award – Functional Task Test Team
- Certificate of training in project management developed by Kepner Tregoe