

# BRYAN P. BLUE

Ohio  
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## EDUCATION

- The University of Arizona, Tucson, AZ* December 2018  
**Bachelor of Science, Sustainable Plant Systems (*cum laude*)**  
Emphasis in Controlled Environment Agriculture  
Award: Outstanding Senior Sustainable Plant Systems December 2018
- Nova Southeastern University, Fort Lauderdale, FL* June 2004  
**Master of Science, Management Information Systems**  
Honor Society: Upsilon Pi Epsilon - Nova Southeastern University Chapter
- The Ohio State University, Columbus, OH* June 1994  
**Bachelor of Science, Computer Information Systems**

## INVOLVEMENT

- The University of Arizona, Tucson, AZ* April 2018 – August 2018  
**Directed Research**  
Evaluation of mature plant salt tolerance in experimental populations of alfalfa
- Mixed media, filled cones, seeded, established, and grew 1,600 alfalfa plants
  - Irrigated with solutions of specified NaCl concentrations
  - Harvested and recorded fresh weight data
  - Conducted data analysis in R and generated final report
- The University of Arizona, Tucson, AZ* May 2018 – August 2018  
**Vertical Farm Assistant**  
Multi-tier deep water culture closed loop vertical farm system. 4 - triple tray vertical units of lettuce divided into 2 experimental chambers
- Seeded, transplanted seedlings and harvested plants
  - Collected fresh and dry weight data
- The University of Arizona, Tucson, AZ* June 2016 – August 2018  
**Controlled Environment Agriculture Student Association**
- Greenhouse Manager** August 2016 – August 2017
- Student club greenhouse that consisted of ebb and flood, NFT, deep water, and aeroponic systems
  - Maintained systems, supplies, and greenhouse facilities

## SUMMARY OF EXPERIENCE

- Grew corn, tomato, and lettuce in greenhouse hydroponic systems using drip, ebb and flood, and deep water
- Plant science lab experience including managing alfalfa yield trials, course work in plant biology, physiology, pathology, nutrition and soil science
- Mix hydroponic nutrient solutions from raw fertilizer salts, maintain pH, EC quality in growing environment
- Able to communicate with people at various levels
- Complete tasks that adhere to strict guidelines and deadlines
- Excellent problem solving and critical thinking skills
- Technical writing, documentation
- Able to train others

## SKILLS

Dosatron, Windows, Linux, Unix, Outlook, Word, Excel, Power Point, Visio, Solidworks, Photoshop, InDesign, technical writing, customer support

## WORK EXPERIENCE

*Douthit Communications, Inc., Sandusky, OH*

December 2019 – Present

### **Independent Contractor**

- Companywide hardware and software system audit, upgrades, recycling, purchases

*The University of Arizona, Tucson, AZ*

April 2017 – June 2018

### **Monsanto Seed Corn Trials**

- Grew corn, maintained and troubleshooted 2 – 2,944 square foot, 32 tray ebb and flood hydroponic systems, each containing 768 corn plants; 2 additional 1,152 square foot greenhouses
- Served as temporary project manager, which involved overseeing the experiment and 7 student workers for 6 weeks
- Created nutrient stock solutions from fertilizer salts and micro-nutrients delivered by Dosatron devices
- Scouted for pests, monitored for disease and nutrient issues
- Transplanted, grew, hand pollinated, and harvested
- Collected data on plant height, ear, leaf, and kernel count

*AdWriter, Inc., Sandusky, OH*

December 1994 – September 2016

### **Sr. Vice President**

- Maintained relations with over 40 national real estate brokerages, included 2 of the largest in the nation, Coldwell Banker NRT, and Berkshire Hathaway HomeServices
- Managed 35 employees from IT and Print Production departments
- Created booth designs, exhibited at national sales conventions
- Sales and negotiation of new contracts

### **Sr. Vice President Information Technology**

- Designed and implemented project plans to relocate the company of 35 workers, 7 servers and a 15 VoIP phone system without work disruption
- Troubleshoot Windows/Mac workstations, peripherals, software, network connectivity
- Linux data center server maintenance
- Programmed and wrote shell scripts in Linux BASH, Apache, MySQL, PHP environment

### **Technical Support**

- Installed proprietary software, provided training and technical support for clients and employees
- Collected client's requirements and translated to technical specification for the IT department

*The Ohio State University, Columbus, OH*

August 1991 – June 1994

### **Computer Lab Consultant Supervisor**

- Managed four computer labs, each consisted of 50 Unix workstations
- Worked with students from all skill levels on computer usage and programming in the UNIX environment
- Wrote BASH scripts for workstation policy enforcement
- Installed hardware and network installation, ran and terminated CAT-5 and fiber optic cables
- Promoted from lab consultant to supervisor in three months