

BRYAN P. BLUE

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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. Four - triple tray vertical units of lettuce divided into two 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, tomatoes 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, and soil science
- 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
- IT technical support, training, programming and management

TECHNICAL SKILLS

Experience using Windows, Linux, Unix, Mac, Outlook, Word, Excel, Power Point, Visio, Solidworks, Photoshop, InDesign, technical writing, customer support, Wiki, basic network configuration, Konica Minolta Digital Press with Fiery Print Software

WORK EXPERIENCE

The University of Arizona, Tucson, AZ

April 2017 – June 2018

Monsanto Seed Corn Trials

- Grew corn and maintained and troubleshooted two – 32 tray ebb and flood hydroponic systems in two greenhouses, each containing 768 corn plants; two additional 256-plant greenhouses
- Served as temporary project manager, which involved overseeing the experiment and seven student workers for six weeks
- Created nutrient stock solutions from fertilizer salts and micro-nutrients
- Scouted for pests, monitored for disease and nutrient issues
- Transplanted, grew, hand pollinated and harvested ears
- 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 two 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, 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