

Tate Hutwagner E.I.T

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EDUCATION

University of Georgia Athens, GA
Bachelor of Engineering (Biological)
Bachelors in Genetics

May 2017

RELEVANT SKILLS

Full Stack Developer	SQL	Trackwise
QA	Open CV	LabView
Salesforce	Assembly	Data Presentation

RELEVANT EXPERIENCE

Software Consultant:

Manhattan Associates

2018

- Completed Distributed Order Management project implementation of Store Inventory Fulfillment software. Designed and implemented a custom supply chain software solution. Led testing efforts for several modifications revolving around payment, store mapping, device interfaces, UI server interfaces, and picking/delivery order sequences based on type of items, location of items, and delivery date.
- Skills Obtained: Testing modifications, writing key project documents such as extension specifications and solution design documents, Integration with other products, customer database management and modifications.
- Accomplishment: Delivered DOM-SIF software for the Safeway, Albertsons for store pickup, and store to home delivery of groceries.

Quality Assurance Technician:

Bard Biomedical

2017

- Completed non-sample MDR and non-MDR complaints for Bard products using Trackwise and Master Control
- Skills Obtained: Proficient in TrackWise querying and Master Control Document searching; Correct Assigning of Sampled investigations; Data Collection; Team Training; Team Building
- Accomplishment: Reduced the backlog of complaint for Bard's Malaysia, Nogales, and Monks plants.

Engineering Capstone Project:

Toyota Industries Compressor Parts America CO.

2016-2017

- Collaborated with T.I.C.A staff and three UGA engineers to conserve energy for T.I.C.A.
- Skills Obtained: Thermodynamic assessment; Electrical Assessment; Proposal Techniques; Proper Information Protection; Raw Data Collection; Presentation Techniques; Team Management
- Accomplishment: Reduced the plants footprint and reduced the monthly cost to the plant.

Genetics Capstone Project:

Independent Research

2016-2017

- Research: High-throughput phenotyping creation and design to improve soybean breeding processes.
- Skills Obtained: Proposal techniques for Research Setting; Design Techniques; Software Design; C++, Python, Matlab, and OpenCV utilization for software production; Presentation Techniques; Feedback and Improvement; User Assessment and Training
- Accomplishment: Improved accuracy and reduced time per plant during research.

Laboratory Research:

Primary Investigator: Dr. Wayne Parrott Lab

2014-2017

- Research: phenotyping, genotyping, and transformation technologies for soybeans.
- Skills Obtained: DNA, RNA, and Plasmid Mini Preps; Greenhouse Maintenance; RNA Extraction; PCR; KASP Genotyping; QTL Mapping; Gel Electrophoresis; DNA sequencing and computer analysis of DNA sequence data; liquid-liquid extraction; leaching; built important data and analytical skills; environmental data collection; interpret and record data
- Accomplishment: Develop plant variety resistance to insect damage.

EXTRACURRICULARS

University of Georgia Outdoor Recreation

Climbing Wall Supervisor/ Co-Head Setter

2015-2017

- Summary: To safely instruct people in providing an enjoyable exercise experience, and to inspire climbers to go outside and appreciate the outdoors.
- Set routes and boulder problems, inspire, teach, supervise, prevent and resolve safety issues, and maintain the rockwall.
- Skills Obtained: tactful communication skills; belay techniques; crowd supervision; knowledge of climbing wall safety and climbing gear; Completed Top Rope, Lead, and Route Setting Certification; created Team Building exercises.

Great Alaska Adventure Lodge

Guide and Assistant Manager

2016

- Summary: To provide clients with an enjoyable and rememberable experience in Alaska.
- Guide clients on salmon fishing, take clients on hikes, and maintain and insure the lodge is a safe friendly environment.
- Assistant Operations Manager: Conducted day to day lodge operations, organized airport shuttle, and worked closely with the staff to provide quality guest services.

Volunteer Activities

Salvation Army Atlanta,

Volunteer

2008- Present

- Summary: Helped teach veterans in need how to use computers
- Our service met once a week to help veterans learn how to use email accounts, connect with family and old friends via social media, write resumes, apply for jobs, and search for housing and other services online

Club de l'Epagneul Breton of the United States

Volunteer

2008- Present

- Summary: Conservation of upland bird populations.
- Prescribed burns, plant natural vegetation, establish young quail populations, and help maintain population level and new establishments in locations in Georgia and in Tennessee.

University of Georgia Engineers without Borders

Project Lead

2015- 2015

- Summary: Create a responsible watering technique for out of place refugees in a community garden.
- In charge of volunteer service and building the design.

Southeastern Climbing Coalition

Recruiter/ Fund Raiser

2015- 2015

- Summary: Raise funds for the SCC in hopes of maintain and obtaining new areas for climbers.
- Raise funds via a fund-raising event called "Boulderbash"

Harvesting for Hope, Inc.

Founder, Vice President

2009- Present

- Summary: To grow organic, healthy food, and make it available to people in need in the area around Columbus.
- Grow, harvest and donate produce.
- Skills Obtained: Organic Certification; plastic-culture farming techniques; building and maintaining greenhouse; greenhouse practices; presenting at Georgia's Organic Convention; partnering with other non-profits with similar goals; partner with high schools for volunteers; manage volunteers

Certificates

Python Data Science Completion Certificate
R Data Science Completed Certificate
SQL Certificate