



Scott Minalga

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PROFILE

Highly motivated Computer Science student with experience as a Supplemental Instructor. Skilled in troubleshooting, quality assurance, and problem-solving. Proficient in Python and a strong attention to detail. Thrives in team collaboration and excels in diverse environments. Passionate about exploring distant lands, capturing moments, and enjoying various hobbies. Seeking a position as a Software Engineer to utilize my skills and contribute to innovative solutions in the field.

WORK EXPERIENCE

Electrical Design Engineer Marubeni

📅 04/2024 – present 📍 AGAWAM, UNITED STATES

- Developed and programmed robotic solutions to automate CNC machines at Marubeni Citizen Cincom
- Implemented innovative designs to optimize electrical systems for increased efficiency
- Collaborated with cross-functional teams to ensure seamless integration of robotic solutions
- Conducted thorough testing and troubleshooting to ensure quality and reliability of automated systems.

R&D assembler Marubeni

📅 06/2022 – 04/2024 📍 AGAWAM, UNITED STATES

- Assembled and tested prototypes of new products, ensuring adherence to design specifications and quality standards.
- Collaborated with engineers and designers to troubleshoot and resolve technical issues during the assembly process, resulting in improved efficiency and product reliability.
- Operated and maintained specialized equipment and machinery, including soldering tools, automated assembly systems, and testing instruments.
- Documented and reported any product defects or assembly errors, contributing to the continuous improvement of manufacturing processes and final product quality.

Supplemental instructor Python 2 STCC

📅 01/2024 – present 📍 SPRINGFIELD, UNITED STATES

- Created and presented dynamic instructional materials to enhance student understanding and learning in difficult subjects, including mathematics and science.
- Facilitated regular group study sessions and individual tutoring sessions to offer supplementary academic assistance and clarify intricate concepts for students.
- Worked closely with faculty and staff to identify students' educational requirements and adjusted teaching methods accordingly, leading to improved student success rates and enhanced overall academic performance.
- Evaluated and tracked student progress through frequent assessments, evaluations, and feedback, enabling focused intervention and personalized aid to optimize student learning outcomes.

Supplemental instructor Python 1 STCC

📅 08/2023 – 12/2023 📍 SPRINGFIELD, UNITED STATES

- Developed and delivered engaging instructional materials to facilitate learning and comprehension for students in challenging subjects, such as mathematics and science.

WORK EXPERIENCE

- Conducted regular group study sessions and one-on-one tutoring sessions to provide additional academic support and clarify complex concepts for students.
- Collaborated with faculty and staff to identify student needs and adapt teaching strategies, resulting in increased student success rates and improved overall academic performance.
- Monitored and assessed student progress through regular assessments, evaluations, and feedback, enabling targeted intervention and tailored assistance to enhance student learning outcomes.

Service Advisor Taplin

📅 12/2019 – 05/2022 📍 AGAWAM, UNITED STATES

- Assisted customers in diagnosing and troubleshooting lawn mower issues, providing expert advice and recommendations for repairs and maintenance.
- Managed and prioritized service requests, ensuring timely completion of repairs and exceptional customer satisfaction.
- Prepared accurate estimates for repair costs, effectively communicating pricing and timeline expectations to customers.
- Collaborated with technicians and parts department to ensure availability of necessary parts and materials for repairs, minimizing downtime for customers.

EDUCATION

Computer Science Student | Associate STCC

📅 02/2023 – present 📍 SPRINGFIELD, UNITED STATES

- Developed and implemented a robust software application as a capstone project, utilizing Python programming languages, resulting in increased efficiency and improved data analysis capabilities.
- Deploy a database management system, streamlining data storage and retrieval processes
- Conducted extensive research on machine learning algorithms and successfully applied them to develop a predictive model for analyzing customer behavior.

SKILLS

Troubleshooting



Quality Assurance



Attention to Detail



Proficient in C++
Professional

Strong problem solver
Professional

Collaborative team player
Professional

Experience with ROS
Professional

STRENGTHS

Technical Aptitude, # Attention to Detail, # Problem-solving,
Manual Dexterity, # Teamwork, # Time Management # Problem-solving
Technical expertise # Analytical thinking # Team collaboration
Communication skills # Attention to detail

SOCIAL MEDIA



@Scott Minalga



Github Repo

CERTIFICATES

HANDLINGTOOL OPERATION AND PROGRAMMING FANUC

📅 01/2024

I am certified in FANUC Handlingtool Operation and Programming, demonstrating my expertise in effectively operating and programming FANUC handling tools. This certification validates my ability to efficiently utilize FANUC equipment to optimize productivity and efficiency in various industrial settings.

HOBBIES



Exploring distant
lands



Capturing
moments



Feeling the music



Every kind of
sport



Enjoying my dogs



Playing some good
tunes



Gaming with
friends