**Matthew W. Dalton**

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<https://github.com/oasis142>

**EDUCATION** CAPITAL UNIVERSITY, Columbus, Ohio

**Bachelor of Arts**;

Major: Music

Minors: Philosophy

Mathematics

**EXPERIENCE Robotic Process Automation Programmer**, April 2017- present

Honda R&D Americas (Goken America), Raymond, OH

* Sole developer and project manager for all automation activities in department.
* Specializes in creating end-to-end automation scripts and process flows using RPA software (Worksoft Certify) and traditional OOP Languages (Python).
* Experience in reverse-engineering and mapping applications written in Java, C++, C#/ .Net, and the Web Stack (HTML, CSS, JavaScript, and some backend frameworks).
* Examples of automated applications include Dessault’s 3D Experience and Catia v5, MS Office Suite, and various proprietary and legacy systems.
* Capstone project involves automating the entire lifecycle of CAD drawing creation, including collecting information from PLM system, querying and manipulating 3D models, drafting 2D drawings from models, and notifying users of completion and/ or data issues.
* Skilled in creating job queues that pass tasks to multiple virtual machines.
* Improved efficiency through automation by increasing output, codifying processes, and reducing manpower needs by 60+ hours per week.
* Frequently work with others of various technical backgrounds to accurately identify and document process flows in order to translate these into automation scripts.
* Responsible for preparing ROI models, project reports, and updates to both client and employer regarding status and project issues.
* Constantly looking to increase functionality of existing code by evaluating for stability and by monitoring for data quality issues. Follows a self-driven approach to improvement.
* Mentor of a small group of employees in the use and development of automation scripts.

**Back Office Lead and Draftsman**, May 2016- April 2017

Honda R&D Americas (Goken America), Raymond, OH

* Lead for drawing creation and drafting, quality control, and instituting related best practices.
* Trained and advised members of other back office teams and onsite members in all aspects regarding CAD drafting.
* Maintained high level of accuracy and timeliness in a high-volume environment
* Used native and first-party applications within CATIA v5 to monitor and assist Design team in creating accurate data.
* Focused on the intersection of knowledge between design engineers and back office team with the goal of creating a better workflow and improved relations between groups.

*Have held additional paid positions*

**REFERENCES** Available upon request