

Tallon Clark

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tallonclark.online

Objective:

An applications engineer seeking to transition into a software development role that provides customer-centric solutions.

Sales & Applications Engineer | Hammond Metrology Company | 11/2022 - Current

- Write QA inspection routines and program automated inspections.
- Create diagnostic and service documentation for vision systems.
- Provide field service for various OGP coordinate measuring machine products.
- Sell OGP, Mitutoyo, Certified Comparator, and Renishaw manufacturing products.

Chemical Formulations Technician | Thermo Fisher Scientific | 08/2020 - 11/2022

- Manufacture Phosphoramidites. (30gal to 750gal Reactors)
- Create training documentation. (ISO 9001:14001 Standard)
- Design glassware and vacuum systems for volatile additions.
- Analyze reagents and products via KF and HPLC.
- Program and calibrate manufacturing equipment. (Allen Bradley PLCs)
- Laboratory instrument maintenance.
- Pack and charge chromatography columns. (10kg to 300kg)
- Train technicians and chemists.
- Hazardous waste treatment and removal.

Field Service Engineer | J2 Scientific | 08/2019 - 02/2020

- Designed and tested laboratory instrumentation, primarily chromatography systems. (HPLC, SPE, and GPC)
- Automated A5 system calibration processes using TTL, G-Code, and C++.
- Updated PCB firmware with TTL and Tera Term.
- Wrote A5 autosampler instrumentation manual and created service procedures/instructions for customers.
- Onsite and in-house laboratory instrumentation repair.

Assistant Rural Carrier | United States Postal Service | 09/2017 - 08/2020

Education

Applied Computing | University of Wisconsin Milwaukee | (Expected Graduation 2025)

Back-End Development Certification | NuCamp | (Expected Graduation 2023)

Web Development Certification | NuCamp | 2020

Biomolecular & Chemical Engineering | Milwaukee School of Engineering | (2016-2018)