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| **CV** | |
| **Name: AZANOV Andrei** | |
| **Contacts:** | |
| Batumi, Georgia  Phone +995555114958  E-mail: andrei.azanov.work@gmail.com | |
| **Personal data** | |
| Age | 32 |
| **Salary** | By agreement |
| **Summary** | Qualified Chemical Engineer possessing chemical research and development mastery. Expert in control standards and procedures development, plant equipment design and chemical production techniques. Creative thinker with exceptional problem-solving approaches. |
| **Education** | |
| Master’s degree | Moscow State University of Fine Chemical Technologies named after M.V. Lomonosov  Specialty: Chemical Technologies |
| Bachelor's degree | Moscow State University of Fine Chemical Technologies named after M.V. Lomonosov  Specialty: Chemical Technology and Biotechnology |
| **Work experience** | |
| May 2017 – Jun 2022 | Chemical Engineer of Water Treatment at  M. P. Chumakov Institute of Poliomyelitis and Viral Encephalitis, Russian Academy of Medical Sciences.  Organization of internal workflow, paperwork, staff scheduling  Performed process engineering calculations and developed technical reports to support business objectives.  Observed current production processes and conducted research to recommend ways to increase efficiency and quality.  Kept detailed knowledge of mechanical elements and operation of equipment.  Control of uninterrupted WFI (Water for Injection) supply, continuous circulation, PW (Purified Water) for the pharmaceutical production, making prompt decisions based on troubleshooting, and providing the recommendations for equipment maintenance.  Communicated with suppliers and contractors to specify existing equipment and consult on new and improved processes. Installation control, corrective actions (CAPA), equipment risk assessment, validation and equipment qualification (PQ, IQ, OQ).  Development of technology systems of water treatment (AvtoCad, NanoCad), creating technical documentation using source specifications and technical tasks.  Preparation, storage, and distribution of water for injection (WFI).  Purified water preparation (PW).  Preparation and distribution of clean sterile (pharmaceutical) steam.  Desalting (softening) ion exchange processes.  Reverse osmosis, water demineralization.  Multistage column distillation.  Sanitization (pure steam or chemical treatment) of the injection water distribution system.  Calculation and amount regulation of H and Na - cation exchange cycles for regeneration.  Development of standard operating procedures (SOP), ISO, СанПиН, СМК, regulations, technical specifications, compliance with requirements of ISO, GMP, ISPE.  Performing statistical calculations, analysis of accumulated data for any parameters depending on the initial data, graphical representation, and justification of changes. |
| Apr 2014 – Mar 2016 | Plant Operator at M. P. Chumakov Institute of Poliomyelitis and Viral Encephalitis, Russian Academy of Medical Sciences.  Working with industrial Lyophilization Plants such as:  Working with maintaining facilities, compressors.  Calculation of Eutectic Point.  Understanding of freezing rate effect.  Decision making of product preservation, changing drying procces specifications. |
| Apr 2013 – Feb 2014 | Test Engineer at Physical-Mechanical Laboratory of Polyplastic  сredit consumer cooperative (selling financial products by phone calls)  Charpy and Izod impact toughness tests (notched and unnotched, GOST, ISO, ASTM specimens).  Texting flexural modulus.  Testing of modulus of elasticity to the breakpoint.  Working with tensile testing machine.  Performing drop weight tests.  Performing Brinell hardness test.  Statistical calculations based on the results.  Destroying die-cast specimens. |
| **Hard skills** | Chemical processes  Process simulation  Quality control  Materials science  Process and plant design  Analytical equipment  Safety management and control  Document control  Chemical processing  AutoCAD  Chemical analysis  Treatment evaluations  Technical risk assessments  Python3  HTML  CSS  JS  GOlang  GNU Linux  FastAPI, Django  SQL |
| **Language** | Russian – native;  English – B1;  Georgian – A1;  Hebrew – A1. |