Alejandro Garnreiter

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WORK EXPERIENCE

The Johns Hopkins University School of Medicine   **Aug. 2019 – Present**
Sr. Programmer Analyst (Apr. 2023 – Present) / Programmer Analyst (Aug. 2019 – Mar. 2023)   *Baltimore, MD*

- Develop, test, document, and maintain more than 20 cancer research web applications used by physicians and other oncology professionals for tasks such as analyzing clinical trial data, submitting study subject data to the National Cancer Institute using its API, and documenting encounters with cancer patients
- Create and maintain databases, tables, views, and sequences using Microsoft SQL Server, Oracle SQL, and MySQL
- Implement intuitive application interfaces using Adobe ColdFusion, HTML, JavaScript, jQuery, CSS, Bootstrap, and jQuery UI
- Construct complex SQL queries for GUI report generators, which allow users to specify parameters for custom data retrieval
- Convert applications to Microsoft SQL Server from MySQL or Oracle SQL
- Protect integrity of sensitive patient data by adhering to security best practices
- Maintain in-house API functions and version control system
- Parse medical reports using regular expressions to extract useful data
- Update applications inherited from other developers to conform to team's standards
- Administer VMware-based Microsoft SQL Server, Oracle SQL, and Adobe ColdFusion servers by delegating access to application files, databases, credentials, and other resources; scheduling and maintaining backups; and installing critical updates promptly while minimizing downtime
- Document information and procedures in internal wiki
- Develop PowerShell and batch scripts to automate routine tasks

Xpertechs   **Dec. 2015 – Jul. 2019**
Service Desk Technician / NOC Technician / Support Specialist   *Ellicott City, MD*

- Provided courteous, patient, and empathetic remote support to end-users for a diverse array of technology platforms, maintaining a 98.3%-positive client satisfaction score over more than 700 reviews
- Conducted hundreds of onsite client visits to set up equipment and resolve incidents not addressable remotely
- Maintained, updated, and improved key processes for automated client workstation configuration
- Remotely monitored and managed thousands of workstations and servers
- Documented processes and information in concise and clearly diagrammed knowledge base articles

EDUCATION

Towson University   **May 2015**
Bachelor of Science (B.S.), Computer Science   *Towson, MD*

- **Relevant Coursework** Object-Oriented Design & Programming (Java); Introduction to Computer Sciences I-II (Java); General Astronomy I-II; General Physics I-II; Differential Equations; Calculus I-III; Discrete Mathematics; Introduction to Statistical Methods

SKILLS & INTERESTS

- **Skills** Microsoft SQL Server; Oracle SQL; MySQL; JavaScript; Java; Adobe ColdFusion; HTML; CSS; jQuery
- **Interests** Space; science; technology; civics; history; music; hockey; LEGO; gaming; traveling; film; comedy