

Resume for Timothy P. Helton  
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### **Technical Skills**

AWS, Google Cloud Platform, Jenkins, Python, Perl, PowerShell, PL/SQL, Bourne Shell, C Shell, HTML, PHP, SQL, C, BRS, SCCS, Informix, Oracle, Java, JavaScript, XML

### **Recent Employment/Education History**

#### ***DevOps Engineer: Clout.com***

2017-2018

- Built and maintained three AWS environments for five fin-tech applications including Lightsail, Elastic Beanstalk, standalone Ec2 instances, CloudFront instances backed by S3 buckets, and RDS instances running on both UN\*X and Windows platforms.
- Developed and deployed Python solution for automated test and delivery of applications from Github to AWS servers.
- Installed and configured Jenkins solution for automated test and delivery of applications.
- Developed and tested PowerShell scripts for deploying applications to Google Cloud Platform servers.
- Developed SQL queries and views for use by Clout marketing team.
- Updated MySQL database as needed to reflect configuration changes.
- Supervised daily deployments and worked with development team to troubleshoot and maintain builds.
- Created and maintained infrastructure documentation as needed.

#### ***Software Consultant: J.D. Power and Associates***

2016 to 2017

- Developed Perl programs to manage and manipulate files containing customer satisfaction data.
- Converted Bourne Shell scripts to Perl programs.
- Created technical documentation for a variety of scripts developed both by myself and others.

#### ***Adjunct Professor: Loyola Marymount University***

2011 to 2015

Taught World Religions and Comparative Theology to approximately sixty students per semester.

#### ***Doctoral Student: Drew University***

2006 to 2014

Earned a Ph.D. in the Anthropology of Religion with a 3.97 GPA.

#### ***Graduate Student: Claremont School of Theology***

2003-2006

Completed a Master of Arts in Theological Studies with an emphasis in the philosophy of religion. During my matriculation, I maintained a 3.97 GPA.

***Database Analyst / Database Administrator: Amgen****1992 to 2001*

My work at Amgen illustrates my ability to contribute to an institution's mission by supporting its IT infrastructure. Additionally, it suggests my ability to manage research projects. For this employer:

- I conducted a search for a project management tool for Amgen's Information Management organization. I interviewed stakeholders, gathered requirements, evaluated ten products, and conducted a scenario-based comparison of two finalists.
- I re-wrote an application to read XML input. (The application prepares ~30,000 journal article abstracts a month for loading into web based literature databases.)
- I led a project team to specify, locate, and implement a document delivery system for Amgen Libraries. We gathered requirements, created a request for information, evaluated vendor responses, tested, purchased, configured, and installed a solution which increased efficiency by tracking of more than 6,000 requests for journal article copies per month.
- I developed tools for automating the maintenance of literature databases. Using object oriented techniques; I developed an Oracle based solution, which automated a manual process. During this time, I demonstrated the ability to rapidly develop and deploy useful components, which I later assembled into a web based, literature database administration system.
- As an Oracle database administrator, I led a project team in successfully diagnosing and remedying performance problems on one of the company's primary database servers.
- As the U.S. project leader for the enhancement and implementation of a Standard Data Dictionary (SDD), I co-authored the project plan, requirements, and design and test documents and supervised a team of six developers. The SDD was used in Japan, the United Kingdom, and Thousand Oaks to maintain schemas for clinical trial databases eliminating the need for constructing one-off databases.

**Community Service**

- 2005 to Present: Founding member and co-chair of the Ventura County Interfaith Community: This role requires that I develop relationships with local congregations, both Christian and non-Christian. VCIC leverages these relationships to promote dialogue and understanding amongst the various congregations by conducting a number of special events.
- 2011 to Present: Member of the Ecumenical and Interreligious Program Group for the Episcopal Diocese of Los Angeles
- 2016 to Present: Board member, United Parents: In this role, I collaborate with other board members to provide direction and guidance to this organization.