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| Objective To obtain a career in software development. Skills AWS, Amazon Lex, EBS, AMI, EC2,  Linux Systems Administration  Debian  Windows Server 2012+  XML, JSON  Python 2 & 3  Pandas, DataFrames  Tensorflow  Deep Learning  Data Cleaning  Javascript, JQuery, React, Swift | |  | | --- | | Brian HermanProgrammer | UNderwriting Automation https://github.com/BRIANHERMAN |  ExperienceProgrammer • Producers National • Insurance• 2014 – Present  * Instrumental in the migration of all servers from on premises to Amazon Web Services “Shift and Lift” * Lead design of state compliance for verification of auto insurance for the following states: Arizona, Illinois, Texas, Louisiana, Mississippi * Created custom insured portal that interfaced with separate system using SOAP/XML Insuresoft’s Diamond. * Maintained SOAP library to communicate with Diamond. Which is a fork of pysimplesoap. * Created prototype of automated voice recognition system to take payments over the phone. Powered by Amazon services LEX, Lambda, and Connect. * Tracked errors and bugs with self-hosted Sentry.io instance on Amazon. * With the rest of the IT department moved our physical servers from on premises to Amazon Web Services * Setup VPN to allow company to work from home during pandemic. * Created backup AWS EC2 VPN that had a custom python authorizing function to authenticate with active directory. * Every performance review has been positive. * Created Documentation for Cisco network and hylafax faxing system. * Created Fax to email with Twilio and AWS lambda * Automated Cancelation and Reinstatement for Underwriting that allowed us to expand in more states without increasing headcount. President of Company stated that we would have had to hire 4 people to do what my program does automatically. * Created feature to allow our customers to enable automatic monthly payments through our website which helped us retain them as customers for longer periods. * Produced payment site that handles $100,000 dollars of payment per day for multiple companies underneath the Producers National umbrella and handles credit card and EFT payment processes. * Lead workshops on things that have made me successful such as technologies I am familiar with: GIT, Linux, Bash, AWS Lambda, Deep Learning/Data Cleaning, Networking  EducationEECS • 2009-2014 • University of illinois at chicagoAssociates of Arts• 2006-2008 • College of DupageVolunteer Experience or Leadership President of Linux Users Group at College of Dupage  President of Linux Users Group at University of Illinois at Chicago |