Blane D. Downing-Jennings: Solution Engineer

bddowningjennings.dev@gmail.com • *bddowningjennings.dev* • *(530) 488-9748*

^ That's me, also this: I am enthusiastic about the right role - one which allows me to make useful tools & solve difficult problems, challenges me to constantly be improving & growing and encourages me to be the warm & humorous, most authentic version of myself.

RECENT PROFESSIONAL EXPERIENCE

UNIVERSITY OF UTAH   SLC, UT : MAY 19 – RESENT
Programmer/Analyst & Automation Engineer
Development & Maintenance of UIT administrative applications & automation.
- Problem-solve! Constantly learn from others and independently
- Development: SQL, IIS, pm2, pwsh, AD, ldap, .NET, AngularJS, Angular 2+*, React, Node.js
- Webtools/Umailtools: sites granting limited Exchange admin access/functionality for account data, migrations, archives, GAL, UM, resource mngt, group mngt*, netscaler*, phishing removal
- HCI Exchange migration application- React monitoring, Node(ts) API, SQL, pswh, Task Scheduler
- Automation: PowerShell, Exchange Server/EMS, MS Graph API, S4B, Python, Node.js, GCloud*
- Jobs/Batching: log_mover** from Exch servers, Lic assignment, onprem db_balancer
- Reports/Scripts: org-wide account settings, reporting NTLM account activity, service monitor, um+pinnacle true-up, CAS+Duo multi-factor authentication, HMA adjustments
- Incidents: malformed accounts, one-offs; MS tickets: bugs & malformed accounts
- Mentorship of U of U two student interns

JUSTICE WORKS, LLC   Centerville, UT : DEC 18 – MAY 19
Web Developer
Justice Works, LLC is a software services provider of legal case management solutions. Their applications are built on a custom MVC, messaging framework which is tightly coupled to its version control; here I worked on maintenance and new features for the dataDefender7 solution.
- Problem-solve! Constantly learn from others and independently
- Custom MS SQL Server Models and Reports – query creation, profiling & optimization
- Angular-like tag parsing and data injection of 'HTML' Views/templates
- Item tracking & documentation from development through QA

SPJ Solutions   El Dorado Hills, CA : MAY 18 – AUG 18
Software Engineer
SPJ Solutions is an IT company focusing on emerging technologies around Software Defined Data Center and Virtual Networking; I worked on the VMware NSX & vSphere UI/automation app cITopus.
- Problem-solve! Constantly learn from others and independently (seeing a pattern?)
- Client - React - UI features relying on network topology, drag & drop, multi-state modal forms
- Server – Python/Node.js - utilized open source libraries, APIs and SDKs for virtualized networks
- Web app deployment and hosting VM setup/automation; TinyVM .ova/.ovf automation
- Created new features, bug fixes, internal and external facing documentation

SUTTER HEALTH/VIZIENT INC.   Roseville, CA : MAY 16 – JUN 17
Sourcing Analyst & Database Manager
Sutter Health is one of the nation's leading not-for-profit healthcare networks; here I performed analysis on sourcing, usage and distribution data as well as giving presentations and training. I created standardization + automation tools to project the future savings/loses of new contracts.
- Problem-solve! Constantly learn from others and independently (maybe seems important)
- DrUOM – automation tool for contract comparison & report creation. Excel, VBA, MS SQL Server
- Organization-wide contract/product cross-walk tool for new distributors. SSIS, VBA, Excel

EDUCATION

UNIVERSITY OF CALIFORNIA DAVIS   CLASS OF JUN 14
Bachelor of Science, Applied Mathematics (Philosophy Minor)
- Communication of the principals, concepts & results of abstract reasoning, functional analysis, mathematical algorithms/modeling and data-processing logic