

## SKILLS

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### Engineering & Computer Science

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#### Programming & Development

- Extensive knowledge of multiple languages, including **Python**, **Bash**, etc.
- Configuration management tools such as **Ansible** and **Chef**
- Ancillary tools, including **Git**, **GitHub**, databases, **CI/CD pipelines** (Jenkins, AWS Code-Build, GitHub Actions), etc.

#### Cloud Technologies

Managing cloud infrastructure in **AWS**, **Heroku**, **DigitalOcean**, and **Office 365** – with a focus on **cost optimization**, cloud architecture & security, and “serverless” applications – using orchestration tools such as **APIs**, **Packer**, **Terraform**, and the **Serverless** framework.

#### Systems Administration

System administration, homelabbing, networking, client platform engineering, and DevOps methods with a focus on **macOS** endpoints (**MDM/DEP**, **Munki**, **AutoPkg**, etc.), **Linux** servers, **Docker** containers, and virtualization using **VMware ESXi/Fusion**.

### Communication & Leadership

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- Proven ability to work and communicate as part of a team on complex projects using Agile methodologies.
- Project management experience, with a focus on delivering goals and developing individual team members.
- Background analyzing, communicating, and writing about complex and technical topics in a clear and concise manner.
- Experience understanding, analyzing, and meeting the technology and business needs of clients and coworkers.
- Ability to quickly adapt to and learn new technologies.

## EXPERIENCE

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Present  
Jul 2019

#### DevOps Engineer/SRE (Consultant) *Taos (IBM)*

- Spearheaded **cloud cost optimization/reduction efforts, budgeting and cost projections, and management of AWS resources and infrastructure** across multiple development teams through orchestration tools.
- Implemented DevOps practices to **streamline development and reduce AWS resource usage**.
- Built custom command-line tools in Python to **automate/simplify tasks and business processes**.

Feb 2019  
Oct 2015

#### Systems Administrator *Mraz Amerine & Associates*

- Oversaw technology and data management at Mraz, Amerine & Associates, a registered investment advisory firm.
- Supervised shift to cloud-based systems, including Microsoft Office 365 and AWS, **increasing uptime, improving performance, and drastically reducing work-impacting technology issues**.
- Implemented and oversaw much-needed security and backup policies – including company-wide continuous backups, Single Sign-On (SSO), and securely sending, receiving, and archiving sensitive financial documents – **protecting client data and reducing regulatory and business risk**.
- Provided various technology-related business support, ranging from endpoint deployment, patching, and monitoring, to user troubleshooting, to documenting technical systems and procedures.

Aug 2014  
May 2014

#### Intern *California Asset Management*

- Developed and wrote a long-term plan for expanding adoption of California Asset Management’s multiple-employer 401(k) plan among members of the California Trucking Association, **increasing plan adoption by 40%**.
- Researched and summarized DoL/IRS regulations and initiatives regarding retirement plans and analyzed their long-term effects, ensuring regulatory compliance and significantly reducing liabilities and expenses.
- Built new tools used **to reduce waste, inefficiency, and expenses, and maximize customers’ returns**.

## EDUCATION

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May 2015

#### University of California, Berkeley | *Bachelors of Arts, Economics*

My studies focused on the mathematical and statistical analysis of individuals and firms within larger financial, regulatory, and legal systems, and included courses in Computer Science, programming, and computationally intensive applied statistics to acquire more sophisticated tools for understanding and utilizing data.

I participated in several individual and group projects focused on conducting and presenting economic research and statistical analysis, as well as group projects on programming, software development, and cloud computing.

### Technical Certifications

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- AWS Solutions Architect – Associate
- Hashicorp Certified: Terraform Associate