# Todd McDaniel

## Employment

### IT Systems Administrator
Palo Alto, California
Emerson Collective
March 2021 - Present
*Administer and maintain 500+ Macintosh computers and iOS devices.*
*Develop custom software solutions and integrations with various SaaS platforms and APIs*

### Security Systems Administrator/Developer
Salt Lake City, Utah
OODA Health
January 2020 - December 2020
*Developed automated compliance reporting framework combining AWS and Okta APIs with JupiterOne and Confluence using Python and HTML.*
*Prepared and delivered presentations and documentation on security related topics.*

### System Administrator/Developer
Salt Lake City, Utah
University of Utah
December 2013 - January 2020
Marriott Library
*Created custom software solutions for multiple departments, saving time and streamlining workflows.*
*Modified and documented internal software solutions for general open-source release.*
*Administered and maintained 1000+ Macintosh computers and iOS devices.*
*Mentored student employees on project development and hardware/software support.*

### Software Systems Specialist II
Arlington, Texas
University of Texas at Arlington
July 2008 - December 2013
College of Engineering, Computer Science and Engineering Department
*Integrated lab computers with campus Kerberos authentication service.*
*Built and maintained a Moodle-based Course Management System.*
*Designed, implemented and maintained departmental CrashPlan PROe backup system.*
*Mentored student employees on project development and hardware/software support.*

### Senior Operating Systems Programmer
Ann Arbor, Michigan
University of Michigan
April 2001 - June 2008
College of Engineering, Computer Aided Engineering Network (CAEN)
*Migrated CAEN-supported Mac's from Mac OS 9 to Macintosh OS X*
*Installed and maintained Mac OS X Server-based radmind and file servers.*

## Projects, presentations and writing samples

**Firmware Password Manager** (Over 140 stars on Github!)
*A Python script to help MacOS administrators quickly and easily manage the firmware passwords of their fleets. Featured on https://jamf.github.io/*
 http://bit.ly/2nMa4T2          http://bit.ly/2mIb0Yp

**SCL JAMF Tools (Tugboat and Cargo Ship)**
*A pair of cross-platform Python GUI applications designed to streamline the modifying and viewing of disparate JAMF inventory and user data. Featured on https://jamf.github.io/*
 http://bit.ly/2m9qN1X          http://bit.ly/2nMcVLK

**Recce**
*Using Python and JAMF API's, Recce gathers hardware and software information required to add unmanaged clients to a JAMF instance. Recce provides services similar to the deprecated recon.exe previously provided by JAMF. Featured on https://jamf.github.io/*
 http://bit.ly/2oqcRRX          http://bit.ly/2otxvAV

**Marriott Library Mac Group Blog Postings**
*I have written many blog posts regarding projects and Python tutorials describing JAMF's REST APIs and how they can be used to interact with JAMF's database.*
 http://bit.ly/31UiNBM

**Mac Managers Presentations**
*In addition to a monthly talk on current events, I have also given in-depth presentations on current projects, security issues, and other IT related topics.*
 http://bit.ly/332drEE

## Contact

✉ lazymutt@mac.com
☎ 734-834-6227
 http://bit.ly/2mYhTov
 https://github.com/lazymutt

## Education

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|---|---|---|
| Eastern Michigan University | Ypsilanti, MI | |
| Bachelor of Science | 1997 | |
| *Major: Psychology* | | |
| *Minor: Computer Science* | | |

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|---|---|
| Apple Certified Help Desk Specialist | 10.3, 10.4 |
| Apple Certified Support Professional | 10.7 |
| Apple Certified Technical Coordinator | 10.4, 10.7 |
| AWS Certified Cloud Practitioner | 8/2020 |

## Skills

**Expert** (10+ years)
MacOS
iOS

**Advanced** (5+ years)
Python
AppleScript
Shell scripting
Linux
Windows
Microsoft Office
Jamf

**Intermediate** (2+ years)
mySQL
Adobe Photoshop
Adobe InDesign
Adobe Illustrator
Perl
HTML
Jira
Confluence
Git (Github & Gitlab)
Okta

**Novice** (1 year)
Ruby
Swift
C
Objective-C
Pascal
Fortran
JupiterOne

## Community

Github Mars 2020 Helicopter Contributor
Github Arctic Code Vault Contributor
Hacktoberfest participant
Salt Lake City Python Meetup member
    Lightning talk on SCL JAMF Tools
     http://bit.ly/2LKx0eY