ANDREW BURNES

(602) 403 1072   apburnes@gmail.com
4335 N 36th St - Phoenix, AZ   allpointsburnes.com

EMPLOYMENT

Cloud.gov
Platform Engineer, GS-0301-14

March 2020 - Present
1800 F St, Washington, DC
18f.gsa.gov

- Operate and develop cloud.gov's CloudFoundry app platform to provide compliant, developer centric cloud services running on AWS.
- Application development and customer consulting on cloud.gov's static website platform **federalist.18f.gov**
- *Skills: Agile & Test Driven Development, Coaching, AWS, CloudFoundry, Concourse, Prometheus, ELK, Python, Node, React, Svelte*

18F
Innovation Specialist, GS-0301-13

March 2018 - March 2020
1800 F St, Washington, DC
18f.gsa.gov

- Agile, devops, and developer consultant to Federal agencies and State Healthcare exchanges
- Frontend development and coaching for Federal Elections Commission **fec.gov** rebuild application
- *Skills: Agile & Test Driven Development Coaching, CircleCI, CloudFoundry, React, Django, PostgreSQL*

US Geological Survey
Geographer, GS-0150-11/12

September 2014 - March 2018
Denver, CO (303) 212 4114
nationalmap.gov

- Design, develop & deploy scalable, resilient, and monitored AWS cloud services for open source & commercial mapping services for the National Map & USTopo
- Launched Mapbox vector tiles to improve map data processing, design, & performance
- ***Skills: AWS, PostgreSQL, Python, Node.JS, Data Processing, Web Mapping, Scrum Master***

Natural Resource Conservation Service
Cartographer, GS-1370-09

April 2010 - September 2014
Phoenix, AZ (602) 280 8801
nrcs.usda.gov

- Automated Landsat imagery processing **landsat8 open source library** & ArcGIS automation with Python
- GIS cartography, analysis, troubleshooting, and training for field employees
- *Skills: GIS, Cartography, Python, Imagery Processing, Data Analyst, Instructor*

Todd Photographic
Cartographer

August 2009 - October 2010
Phoenix, AZ - (602) 254 5080
toddphoto.com

- Large scale mapping, aerial imagery processing, and cartography for wall mural maps
- Custom client maps for developers and municipalities
- *Skills: Photoshop, Illustrator, Cartography, Graphic Design*

TALKS

FOSS4G North America 2016   Using GDAL to Translate US Topo PDF's   Video   Raleigh, NC

EDUCATION

Master's GIS	Arizona State University	Fall 2009 - Summer 2011	Tempe, AZ
Bachelor's Urban Planning	Arizona State University	Fall 2004 - Fall 2008	Tempe, AZ

REFERENCES

Danny Whalen	Co-Founder **Remix** Transit Planning	Trusted Advisor	(602) 410 0680
Jim Todd	President Todd Photography	Mentor	(602) 254 5080
Keith Larson	NRCS State GIS Specialist	Supervisor	(602) 280 8831