Scott Green – Software Developer

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SUMMARY

Experienced Software Consultant with a demonstrated history of working in the information technology and services industry. I actively seek out new technologies and techniques, such as TDD and modern DevOps. I have experience developing business software with a small team and working directly with clients. I'm currently seeking a position developing back-end business systems.

SKILLS AND EXPERIENCE

- *Languages:* Javascript, Python 3, HTML5, CSS3, SQL Server,
- *Operating Systems:* Linux (Ubuntu, Arch/Antergos), MS Windows
- *DevOps:* Kubernetes, Git, Docker, VMware
- *Frameworks:* React, Django
- *IDEs/Text Editors:* nVim, Atom
- *Misc:* Relational database schema, Agile methodology

WORK HISTORY

Associate Consultant | T4S Partners | Denver, CO | September 2017 – September 2018

- Experienced with declarative scripting language, Cherwell.
- Worked individually and with a team to develop multiple ITSM systems in face-to-face design sessions with stakeholders, crafted the products they needed, such as:
  - Built BI displays, dashboards for non tech-savvy users.
  - Front-end Portal pages.
  - Multiple back-end systems, including aspects of an auto-assignment ticketing system, integration of external data through REST API, and workflows generating documentation of tasks and tickets, email parsing.
  - Stood-up several servers running multiple instances of the product.
- Used SQL backend to add functionality according to specialized requirements and to troubleshoot obstinate bugs.
- Worked within a development pipeline, with Dev., Test and Prod. servers running simultaneously, handling deployment of features and bug fixes.
- Supported the product on-site, enhanced the product with features and bug fixes and met regularly with the client, responded to sometimes conflicting specifications and mediating between parties.
- Trained dozens of users, traveled between sites answering questions.
- Fixed immediate issues, such as service outages. Troubleshot complex problems on-the-fly.

Computer Technician | USAF | Kadena, Japan and Beale, CA | June 2008 – June 2012

- Operated in a team composed of varied specialties to maintain two AWACS (Airborne Warning and Control System) aircraft valued at $540M.
- Troubleshot, inspected, and replaced hardware and software in computer systems in a high-stress environment on a limited timeframe.
- Held security clearance.
- Airman of the year, 961st AACS, Kadena AB 2010.

EDUCATION

Colorado State University | Bachelor of Science, Chemistry | Graduated: May 2016 | GPA: 3.1

- ACS certified degree with coursework in organic, inorganic and physical chemistry, biochemistry, calculus-based statistics and physics.
- Coordinated study groups over multiple semesters, improving grades for exams and projects from C's to A's.
- REU Summer Internship, Prieto Lab, 2013: Synthesized zinc oxide nanowires for sodium-ion battery anodes.
- *Publication*: Jackson, E. D.; Green, S. C.; Prieto, A. L. **Electrochemical Performance of Electrodeposited Zn4Sb3Films for Sodium-Ion Secondary Battery Anodes.** ACS Applied Materials & Interfaces 2015, 7 (14), 7447–7450.
- Experienced with SEM, EDS, XRD, GCMS, NMR, AA and IR spectroscopy.
- Analyzed and characterized novel battery anode surfaces using SEM, XRD, EDS.

University of Washington | Seattle, WA | Materials Science Engineering
September 2016 - August 2017
- Modified Python package, ScatPy, by extending 'targets' module for discrete dipole scattering (DDScat) simulations.