

Programmer (Contract) Programmer (Contract) Web Developer and Data Scientist Oakland, CA  
Work Experience Programmer (Contract) University of California Berkeley - Berkeley, CA August 2017 to Present Used machine learning and parallel computing to analyze and classify 20+ TB of satellite imagery Improved accuracy against existing classifications from 43% to 70% Cleaned and processed data using NumPy, SciPy, Pandas, and scikit-learn Created charts and data visualization for a forthcoming paper using matplotlib Trained 25 users from multiple agencies throughout West Africa on machine learning and cloud computing at a NASA-sponsored conference

Supervised and trained 5 undergraduate research assistants Web Developer Freelance/Self employed - Oakland, CA August 2016 to August 2017 Discovered and patched an undocumented memory leak in jQuery that threatened to render a web app unusable Developed web apps using React and Redux Created a machine learning tool to identify students at an East Oakland school who were at risk of falling behind educationally Developed React-Chessdiagram, an open-source chess framework Software Developer SkillStore - Denver, CO April 2016 to July 2016 Created React webapp for soft skills training that was shown to 100 investors Resolved broken dependencies within one week that had prevented the redeployment of the production build for four months Developed a video conferencing platform for 500 users, which was used by Western Union, Comcast, and the NASA Jet Propulsion Laboratory Education Bachelor's Warren Wilson College - Asheville, NC Skills Machine Learning (2 years), Python (2 years), Javascript (3 years), CSS3 (3 years), HTML 5 (3 years), JQuery (1 year), Data Science (2 years), Programming (3 years)

Links <http://linkedin.com/in/svangordon> <http://github.com/svangordon> Additional Information Technologies: JavaScript: ES6, Node.js, npm, Babel, Gulp Frontend web development: React, Redux, jQuery, CSS3, HTML5 Databases: Mongo, Mongoose, SQLAlchemy Python: Flask, Conda, IPython Data science: Pandas, scikit-learn, NumPy, SciPy, Matplotlib, Seaborn Tools: Bash, git, Slurm

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