JavaScript/ web, developer JavaScript/web, developer JavaScript/ web, developer West Lafayette, IN A software development position in the greater Lafayette area. Work Experience JavaScript/ web, developer Visual Analytics for Command June 2017 to August 2017 Summer of 2017 Control, and Interoperability Environments) U.S. Dept. of Homeland Security Center of Excellence Purdue University ? MetricsVis, data visualization application, one version for police arrest data and one for agricultural data, JavaScript/ web, developer ? Application for data visualization of sorghum genotype data, JavaScript/ web, developer ? Poster detailing research presented at Summer Undergraduate Research Fellowship Symposium Student Programmer Scientific Solutions Group June 2013 to 2016 Research Computing, ITaP, Purdue University   ? GROMACSIMUM, UI framework for molecular simulation, Java, developer ? 9-mers Database Search (UI), protein database matching, Python+SQL, developer ? LSST Photon Simulator (UI), large telescope simulation, Python, developer ? Common Filesystem Access, a file browser/importer/exporter, Python, author ? Job Manager, submits jobs to HPC clusters, Python, author ? GeoBuilder, visualizes geospatial data, Tcl, maintainer ? FLAT, UI for crop yield simulations, Python, maintainer ? CommandWizard, library for easy UIs for command line tools, Python, creator Education Master of Science in Computer Science in Computer Science Purdue University December 2019 Bachelor of Science in Computer Science in Computer Science Purdue University Skills C/C++, C++, Git, HTML, JAVASCRIPT, PYTHON, NUMPY, SCRIPTING, SOFTWARE DEVELOPMENT, Subversion, DATA VISUALIZATION, SQL, CSS, JAVA, SYSTEM ADMINISTRATION, ANDROID, BASH, LUA, VERSION CONTROL, LINUX

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