

Freelance Python Developer  
Freelance Python Developer Philadelphia, PA I put Linux and Python to work. Authorized to work in the US for any employer  
Work Experience  
Freelance Python Developer N/A 2017 to Present Ongoing work includes integrating and unit-testing GraphQL functionality for a multi-app Django-based web tool. Developed a collection of data collection, ETL, and management tools to sample and monitor the size of the sharing economy for the Timbro Sharing Economy Index (contract work, so no name on the credits). I investigated undocumented web APIs and front-end page layouts and then developed and maintained tools to poll and store data for millions of records.  
Jr. Software Developer - ThinkGeek 2014 to 2016 Aided in refactoring an online-retail back-end. Helped convert a site that collapsed during the peak financial season (requiring manual order processing and costing millions in lost sales) into one that held up under pressure and left room to expand. Worked with a scrum-inspired development team to integrate a new ERP system with an existing web retail store and warehouse interface. Developed new features (such as support for flat-rate shipping) and eliminated bugs (such as redundant database calls) for ThinkGeek's long-lived, business-critical customer website, working with Perl, Javascript, and MySQL.  
Education  
Certificate Earlham College  
Skills Django, Python  
Links  
<https://github.com/ptvirgo>

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