

Jules Tamagnan

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1175 Wisconsin Street
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EXPERIENCE	Senior Member of Technical Staff September 2016 - Current, <i>3.5 years</i> <ul style="list-style-type: none">• Create a test orchestration layer for end to end testing, used daily by hundreds of engineers and for all end to end non-regression testing.• Establish infrastructure for a Python2 to Python3 transition of our 550k line of code test framework.• Write integration between our end to end test framework and our internal release readiness and test case management system.• Write integration for style checks and code autoformatters between our internal review tool and Jenkins.• Implement code autoformatting and style verification for Python test framework.• Use Terraform and Ansible to provision servers for a myriad internal applications.• Create new internal GUI workflow testing framework and automate UI tests of enterprise software.	Delphix San Francisco, CA
	Programmer Analyst May 2015 - June 2016, <i>13 months</i> <ul style="list-style-type: none">• Create models in C++ and Python to calculate disease incidence and vaccine efficacy• Run cost effectiveness analysis to find the best disease containment strategy and vaccine prices• Write interactive websites to display Model and Cost effectiveness results• Create high quality graphs for publications and presentations.	Yale SPH, CIDMA New Haven, CT
EDUCATION	Connecticut College , New London, CT September 2012 - May 2015, <i>3 years</i> <i>Bachelor of Arts</i> , Computer Science, May 2015 <i>Bachelor of Arts</i> , Mathematics, May 2015	
TECHNICAL SKILLS	Languages: Python, Groovy, Java, C++, Lisp Technologies and Concepts: Terraform, Ansible, Jenkins, Git, Linux	
PUBLICATIONS	<ul style="list-style-type: none">• PhyInformR: phylogenetic experimental design and phylogenomic data exploration in R. BMC Evolutionary Biology.• A Cost-Effectiveness Tool for Informing Policies on Zika Virus Control. PLOS Neglected Tropical Diseases.	
PROJECTS	President of Spokespeople: Led a volunteer student bike share and repair program. Open source work: <ul style="list-style-type: none">• Help maintain magnars/multiple-cursors.el.• Fix various bugs in core emacs and other projects in the Emacs/Elisp ecosystem.	
OTHER	Spoken Languages: English, French	