

Justin Le Tourneau

Address	Phone	Email	Website
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Motivated Programmer and System Administrator with 8 years of experience designing, writing and deploying software for a variety of systems and use cases. Committed to improving user experiences through interface usability and functionality. Seeking a position that values learning, critical thinking and autonomy.

Skills and Proficiencies

Programming	Administration
<ul style="list-style-type: none">Development Languages: Ruby, Python, Javascript, C++, Java, Perl, PHP, Shell ScriptingWeb Front-End: Vue.js, React.js, Vuex, Redux, jQuery, Bootstrap, Sass, Webpack, etcWeb Back-End: Node.js, Ruby on Rails, PHP, ColdFusion, Groovy, DjangoWeb Services: Socket.io, REST, SOAP, GraphQL, Sequelize, web tokens, etc.Mobile: Java (currently experimenting with Flutter and React Native)Desktop: C++ in Microsoft WinForms and QtSearch Engines: Solr, Lucene and ElasticsearchDatabases:<ul style="list-style-type: none">SQL - Postgresql, SQLite, MySQLNoSQL - MongoDB, ArangoDB, Neo4jInterface design and mockup: Mockflow and Adobe XDVersion Control: Git	<ul style="list-style-type: none">Management: CentOS, Redhat and Debian servers and virtual machinesWeb Servers: Nginx, Apache, TomcatDatabase administration and optimization: PostgreSQL, MySQL, SQLite, MongoDBHardware: Installed, configured and maintained servers, switches and storageSoftware: Compile, install, monitor performance and manage system resources.Automation: deploying virtual machines, archiving backups, general administration tasks, etc.Working with stakeholders to address needs for storage, setup, and provisioning. Implement standards for data storage and archiving.

Work History

Research Analyst - Linux Administrator, 2016 to Current	University Of Missouri – Columbia, Missouri
<ul style="list-style-type: none">Created a data portal, education and various other research sites for National Science Foundation grant project<ul style="list-style-type: none">Javascript, Django, Groovy, PHP, Drupal, Node.js, Vue.js, React.jsManaged, archived and maintained all research data for Missouri EPSCoR state wide grant projectWrite and maintain bioinformatics research software for genome assembly browsers and genomic data miningCollaborate with faculty, postdocs and students to solve technical problems and contribute to research projects.<ul style="list-style-type: none">Pipelines and projects: Ruby, Python, C++, Shell, Javascript, RContributed software for research papers on genetic tools, bioinformatics and educational softwareMaintain 10 high-performance research servers and many (20 or so) kvm / vmware virtual machinesInstalled and managed software: WARE, R, Matlab, genetic pipelines, SMRTLink, etc.	
Quetza Software CTO, 2018 to Current	Quetza Software LLC – Columbia, Missouri
<ul style="list-style-type: none">Founded software company for developing agricultural educational products for academic and industry useSingle full-stack developer for SeeGenetics and SeeBeefGenetics web applications. Created applications, authentication service, key / licensing software, educator portal and AI game companion. Designed both game and key features.<ul style="list-style-type: none">Vue.js, Vuex, Bulma, oAuth, Express.js, Sequelize, Postgresql	
Programmer Analyst, 2012 to 2016	University Of Missouri – Columbia, Missouri
<ul style="list-style-type: none">Built specialty web applications for financial officers and controllersWrote software to interface with credit card companies and the campus bookstoreRe-wrote custom, legacy software and updated for modern use and maintenanceCreated javascript framework for quickly building and deploying financial reports	
Freelance Developer, 2006 to 2012	Self Employed – St. Louis, Missouri
<ul style="list-style-type: none">Wrote software and web applications for various clients in the St. Louis area, for example:<ul style="list-style-type: none">C. Rallo Meat Company<ul style="list-style-type: none">created software (C++) to link scales together for pricing informationcreated mobile apps (Java) for various in-store calculations and pricingSaint Louis Wrestling Officials Association - Scheduling website for Missouri high schools and officials<ul style="list-style-type: none">Ruby on Rails, PHP	

Education

Bachelor of Science: Computer Science	Webster University - Webster Groves, MO
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