Contact

GitHub

https://github.com/jharri34
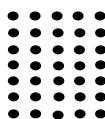
E-mail

harrisjayjamall@gmail.com

Phone

205-240-0966

Expertise

- Project management
- IT management
- User driven design
- Software design
- Algorithms
- Data structures
- Developing functionality
- Functional testing
- Test planning
- Managing crisis situations
- Resource vendor management
- Project Delivery
- Integration
- Application development

Skills

Leadership	● ● ● ● ●
Problem solving	● ● ● ● ●
Teamwork	● ● ● ● ●
Responsibilities	● ● ● ● ○
Organizing	● ● ● ● ●
Planning	● ● ● ● ●
Management	● ● ● ● ●

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JAY HARRIS

PROFILE

An energetic, motivated and highly dynamic person with strong working skills and a broad range of hands-on and theoretical experience ranging in software engineering. Adept at providing technical support and developing new processes through ongoing work, defect resolution and enhancement solutions. Expert in completing demanding assignments within crucial timelines. Highly articulate, demonstrating excellent interpersonal skills. Strong management skills and methodical aptitude with an innate ability in decision-making, coordinating and synthesize data.

CAREER SPECIFICS

UAB (University of Alabama at Birmingham) — Birmingham, AL
Lab Assistant — May 2017 - Current
- Responsible for implementing a GATK workflow for the purpose of sequencing diploid and haploid organisms within a shared computing cluster(super-computer) using scripting language such as python, bash, perl, and slurm.
- Responsible for interpreting the architectural needs, development, and deployment of an solution based on genetic researchers needs, then integrating with existing applications, systems, or platforms to develop a high throughput sequencing engine for genetic discovery.

TEALS (Technology Education and Literacy in Schools) — Birmingham, AL
Tech Professional — August 2016 - March 2017
- Teach programing concept(Java/Python) and skills to high school students
- Develop multiple teaching methods for various students learning styles

Tech Alabama — Birmingham, AL
Lead Instructor — February 2015 - January 2016
- Develop, advise and aid a programing curriculum(Java/Python) for +100 members in the
- Birmingham and surrounding area.

Ingrid & Trussville Gymnastic — Birmingham, AL
Consultant — February 2016 - Current
- Develop and advise the construction (WordPress/Linux Administration) of the entire company website and content partially responsible for increasing membership.

Director Point — Birmingham, AL
Consultant / Contractor — February 2015 - January 2016
- Developed new functionality (HTML/CSS/Javascript/Node/SQL) for the company's flagship product while contributing to existing documentation, fixing bugs, logical inconsistencies and refining existing procedures.

Influence Health — Birmingham, AL
Junior Software Developer — July 2015 - October 2015
- Developed internal fullstack webapps(bash automation/Octopus/ Ansible/
- Elasticsearch/python/ruby/node) using micro services principles that helped healthcare providers engage patients in a personalized way, for impactful outcomes.

Intermark — Birmingham, AL
Junior Software Developer / Intern — June 2014 - December 2015
- Developed internal applications(HTML/CSS/Javascript/Node/C#/.NET) to aid in organizing future events
- Developed a redesign of UPS mobile application for both IOS and Android
- Developed fullstack websites for multiple clients advertisement campaign including SouthEast Toyota

University of Alabama — Birmingham, AL
Junior Software Developer / Researcher — June 2013 - January 2016
- Developed IOS/Android Application Cancer Resources (Java/C#/Phonegap)
- Developed IOS/Android Application PEACE-P/PEACE-M/APEC Guideline (Bash/Java/C#/Phonegap)
- Developed IOS/Andriod Application Pediatric Dental App(Java/C#/Phonegap)
- Developed IOS/Andriod Application MAXX Bus Routes(Java)
- Developed Desktop Application MailParser (Java)

Communication

Dealing professionally with a wide range of people including senior management, executives, etc. Employed appropriate and often innovative solutions to increase communication while using time efficiently to track progress and meet goals.

Fluency in written and spoken English.

IT and Numeracy

- **Languages:** Python, Ruby, Perl, Bash, C#, C++, C, Java,.NET, HTML, CSS, Javascript, SQL, Kotlin, Swift, Django, Flask, Octopus, Ansible, Elasticsearch, Vagrant, Slurm
- **Platforms**: Linux, Android, Windows, IOS, OSX
- Efficient in analytical and numerical problem solving techniques.

Achievements

- Facebook's Capture The Flag Competition Winner 2014
- UAB ACM Chair 2014 – 2015
- Datafest Hackathon Winner 2015
- Smart City Hackathon Finialist 2016
- Code Sprint Finalist 2016

Reference Available on Request

EDUCATION

University of Alabama at Birmingham
Bachelor of Arts and Science
Major: Computer Science

Birmingham, AL
May 2017

LEADERSHIP, PROBLEM SOLVING & RESPONSIBILITY

- Able to identify cost-effective technical solutions that meet business needs.
- Excellent analytical, data manipulation and interrogation skills.
- Developing and maintaining the infrastructure and IT systems.
- Experience of software release, documentation and end-user support.
- Competent in debugging code at a hardware level.
- Experience of the full development lifecycle.
- Good understanding of object oriented programming.
- Understanding of machine-to-machine communications.
- Development of web based applications, including cross browser testing and accessibility.
- Experienced in testing software in controlled, real situations before it goes live.
- A good communicator who is able to explain complex technical concepts, both verbally and in writing, to technical and non-technical audiences.
- Ensuring that all IT changes are managed so that they minimize downtime and risk of any inconvenience.

TEAM-WORK

- Participated and contributed equally while working in a group for projects at work.
- Understanding the entire project from every group member's point of view, explaining my thoughts on the project to the entire group making sure all of them understand it.
- Ability to get on with all levels of people and possess strong relationship building skills.
- Built effective personal relationships and networks within the team, which contributed towards achieving organizational and team successes.

ORGANIZING, PLANNING & MANAGEMENT

- Strong organizational, administrative and analytical skills.
- Ability to ensure all IT systems, infrastructures, server, networks and securities are running to an efficient level.
- Recommending and implementing technological improvements and efficiencies.
- Improving margins and maintaining a high quality service to clients.
- Able to develop, coordinate, delegate and plan work activities.
- Articulate and well presented.
- Quick learner, possess a broad range of experience, highly motivated, and have the ability to work in structured and unstructured environments and initiating career awareness and self-monitoring on my overall progress.

The above details are true and accurate to the best of my knowledge. Given the opportunity, I will discharge my services to the best of your satisfaction.

Jay Harris
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