**Software Engineer Intern (114015)**

Electronic Arts Inc.

Redwood City, CA

#### Description

**What a Software Engineer, Player Reliability does at EA:**

This unique role will be perfect for an individual who likes to find **innovative ways of constructing ridiculously powerful systems** to **allow visibility** into the current state of our environment at both **macro and micro levels**. We build systems and tools that use both **statistical and machine learning** approaches to provide insights and inform automated recovery actions in the production environment. If the idea of **pattern and signal analysis**, extracting meaning out of petabytes of data and analyzing complex technical architecture across EA to understand underlying drivers and root causes of de-stabilization. Success has customers spending more hours with our portfolio of games because they are fast and reliable; having “EA Servers” powering a game becomes a competitive differentiator. This effort requires expertise spanning platform technologies, infrastructure technologies, and game engine and client technology across EA’s broad portfolio of mobile, console and PC games as well as other consumer facing touch points.

**Projects and Responsibilities may include:**

• Develop **performance data collection** and analytics platforms at large scale.  
• Build and implement **in-depth analyses and data visualizations**.  
• Deliver products with the great **UI** experience.  
• Analyze the complex technical architecture across EA’s platform and infrastructure to understand the underlying drivers of high availability and feed data to the assessment of all failures to determine root causes and identify the problem locations at system level.  
• **Coordinate** closely with **corporate communications and customer experience** to listen to our players’ concerns about stability of “EA Servers” from social media, email, chat and phone.

**The next great EA Senior Engineer, Player Reliability also needs:**

• Working on a Bachelor’s degree in Computer Science  
• 0-2 years of relative experience  
• Great knowledge in object oriented design/programming  
• Knowledgeable in **scalable platform architecture**, end to end systems design and architecture  
• Passion and creativity for **problem solving**• Familiarity with visualization tools, familiarity with analytic techniques such as predictive modeling and data visualizations, strong programming expertise in a higher-level programming language like Java, C#, Python, nodejs etc.  
• Able to work and problem solve independently, to **organize workload and priorities**, **high-quality execution, technical innovation/adaptation, and initiative**• Understanding of the realities of working with large, rich datasets and complex distributed client/server systems  
• A passion for gaming and **a highly analytical and creative thinker**

Huzaifa Aejaz

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**About me**

• Software Developer with 3.6 years of work experience in software development

• Proven ability to develop business analytics websites providing data-driven visual insights to client

• Currently pursuing a Masters Degree at San Jose State University in Software Engineering and

seeking Internship/Full-Time opportunities

**Work Experience**

**Software Engineering Analyst Accenture, Bangalore, India Jan 2014 - Jul 2016**

• Developed business analytics website with intuitive UI using Microsoft SharePoint technologies along with C#, JavaScript, jQuery, Angular JS and ASP.NET.

• Coordinated closely with application maintenance team and resolved high-priority incidents and developed patches that resolved client problems.

• Created PowerShell scripts for automating tasks related to Server Management

• Performed SharePoint application maintenance and resolved issues in production server.

• Scripted automation surface testing programs using Selenium that saved 4.5 hours of work/week

• Programmed a script that produced a KPI report for management with metrics on all the active

SharePoint sites of the client.

**Associate Software Engineer Accenture, Bangalore, India Nov 2012 - Dec 2013**

Worked on Unilever’s database migration project which involved pre-migration assessment,

classification and eventual migration of lotus notes databases to SharePoint 2010 using Quest

migration tool.

**Education**

Masters, Software Engineering San Jose State University 2016 - Present

Bachelors, Electrical Engineering Visvesvaraya Technological University 2008 – 2012

**Skills**

**Languages:** Java, C++, C#, HTML, CSS, JavaScript, SQL, TypeScript

**Frameworks:** ReactJS, Angular 2, Express, Bootstrap, Redux, Gradle, Spring MVC

**Platforms:** Google App Engine, Amazon Web Services, Java SE, Greenfoot

**Storage:** JSON, MySQL, MongoDB

**Testing:** JUnit, JMeter, Chai, Mocha, Selenium, Appium, JIRA, TestRail

**Libraries/API:** NodeJs, jQuery, Socket.IO,

**Projects**

**Dropbox Prototype**

• Designed an end-to-end file hosting web application where files can be synced and shared with friends.

**Technology Stack:** MongoDB, Express, ReactJS, Redux and NodeJS, RabbitMQ, MySql, Mocha, JMeter

UML Parser

• Developed an application that reads Java files and outputs UML diagrams using Java Parser and Plant

UML libraries.

**Groupon Testing**

• Developed front-end testing application for Groupon web application using Selenium and JUnit

• Tested Groupon Android and IOS app using appium.

• Used JIRA and TestRail for documentation and tracking of bugs.

**Metropolis - Smart City Application**

• Designed and developed a MEAN stack application for Smart City residents to book maintenance workers

• Created a dashboard using Nodejs and ‘Aws-Sdk’ for admin to launch, manage and terminate ec2

instances for each cluster of communities

• Used Socket.IO to implement chat sessions between a user and a maintenance worker.

October 23, 2017

Dear Hiring Manager,

I was delighted to see an opening at Electronic Arts.

Developing software and tools that provide business insights through intuitive data visualizations is something I am passionate about. As a highly motivated and creative mind with 4 years of work experience in the Software Industry as a developer, I have a proven track record of providing exemplary service. I have worked extensively on Microsoft SharePoint and full-stack development using a plethora of technologies and frameworks. My Understanding of web front-end development as well as back-end development along with providing customer service resulted in me securing an early promotion in my career. I am now pursuing a Masters Degree in Computer Software Engineering to further my technical skills in the rapidly evolving field of Computer Science so that I may realize my potential and grow into bigger roles. Through the rigorous curriculum at the University, I have become highly skilled in Data Structure and Algorithms and have developed a high degree of proficiency in full stack development. I am now enrolled in courses of machine learning and data analytics.

As a Data Driven problem solver with an ambition to create value in the world I look forward to build my experience further and bring my creativity and knowledge to Electronic Arts.

Thank you for your consideration, and I look forward to hearing from you.

Regards,

Huzaifa Aejaz