**Cody Robertson**
529 West 42nd Street 6F
New York, NY 10036
(415) 699-2101

**Qualifications:**

* Excellent interpersonal skills
* Motivated self-starter
* Experienced in the development of enterprise class software solutions

**Programming Skills:** C#, SQL, JavaScript, .NET Framework, ASP.Net , Angular JS, CSS, HTML, WPF

**Software/OS Skills:** Windows, SQL Server, IIS, Visual Studio, MS Office, Azure

**Certifications:** Microsoft Certified Professional Developer

**Work Experience:**

**Tech Lead**

**September 2016 – Current Cirrus10**

Designed and implemented custom web applications for Cirrus10’s client, Hawaiian Electric. The applications provide workflow management and reporting for Hawaiian Electric technicians, dispatchers, and managers. Each application is a separate module that is loaded into a common shell. Key technologies used included: .Net Framework, TypeScript, SQL Server, Web Api, Angular 2, Bootstrap, MS Test

 **MIK Fund Solutions November 2010 – September 2016**

**Team Lead / Senior Developer, New York NY**

Implemented custom software solutions for several of the world’s most prominent hedge funds. Projects have involved security master, accounting system integration, performance reporting, risk management, and real time P&L monitoring. Projects all have required frequent, direct interaction with operations teams and senior management. Model and calculate risk and performance measures for a variety of asset classes including equity, credit, commodities and associated derivatives. Typically release new features on a weekly basis to meet client needs. Mentor junior developers on the team as needed. Key technologies used included: .NET framework, SQL server, JavaScript, ASP.Net, HTML, Web API, Sungard VPM, Bloomberg API, WPF, MS Test

**Specific examples of work**

* Implemented a real time portfolio monitoring application for a fund with assets over 25 billion. The system loads position, security, and trade data from a data cache and uses multiple risk and pricing providers to calculate performance and risk metrics. The system utilizes a dynamic grid display that allows users to create and modify their own custom views.
* Implemented a real time portfolio monitoring application for a fund with assets of 7 billion. The system extracts security and position details from the firm accounting systems to a data warehouse. Intraday trades from their trading system are incorporated upon execution. Any new securities are automatically created and stored in the data warehouse. At the end of the trading day, new securities and trades are uploaded to accounting. The system constantly queries Bloomberg API for pricing and market data which is used to calculate real time P&L, exposure, and other metrics.
* Implemented a data warehouse for a 6 billion AUM fund. The System extracts security and position details from accounting and risk systems to a data warehouse. The system has a UI component so that users can tag securities in multiple ways. The tagging is incorporated into customizable reports allowing the user to filter and view the data on many levels of grouping and aggregation. At any time the user can run a process to synchronize the accounting system with the data warehouse, which will automatically update all reporting.

**Verisk Analytics August 2010 – November 2010**

**Consultant**

Designed and developed the UI for a complex risk management application using the MVVM design pattern. Adhered to the Agile methodology including daily SCRUM meetings, sprint planning, and presentations to business users. Created custom styles, behaviors, triggers, templates, and controls. Designed and implemented fixtures and tests using NUnit / TDD. Mentored/assisted other developers in the use of WPF. Key technologies used include: .NET 3.5 Framework, WPF, XML, MVVM, NUnit, SubVersion

**Forbin Group, San Francisco CA January 2002- December 2009**

**Consultant/Developer**

Designed and implemented custom solutions for financial services, government, healthcare, and startup companies using the Microsoft stack. Worked as architect and lead developer. Involved in all aspects of the development process, from requirements analysis, to testing, to deployment. Key technologies used include: C#, .NET Framework, ASP.NET, SQL Server, IIS, COM, JavaScript

**Wetfeet.com, San Francisco CA October 1999- December 2001**

**Lead Developer**

Worked as the lead developer for a career research startup web portal. Technologies used: ASP, SQL Server, HTML, CSS, JavaScript

**Microsoft Corporation, Redmond WA July 1996- September 1999**

**Software Developer**

Worked as a developer for major Microsoft sites such as Internet Explorer, Windowsmedia.com, and MSN.com. Technologies used: C++, COM, HTML, CSS, JavaScript, ASP, SQL Server

**Education:**

**Digipen Institute of Technology**

Real time Simulation 1997 -1999

**Western Washington University**

BS Business Administration & Information Systems 1992 - 1996

**References:**

References available upon request.