**Adam M. Hess  
Brooklyn, NY**

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SKILLS

**Programming:** C# (.NET Framework/Core), JavaScript, Java, Python, SASS, CSS, HTML,Bash, PowerShell, Python, TypeScript, C/C++

**Software:** Relational Database (MySQL, MS SQL Server 2015/17/22) Docker, NoSQL(MongoDB, ElasticSearch, Solr), Linux (CentOs, Debian, Mint, Ubuntu), Version Control Systems(Git, Perforce, SVN, TFS), Web Servers (Apache, IIS),

**Notable Technologies:**

**C#:**  Entity Framework, .NET MVC/Web API, .NET Core, Lucene.NET, Sitecore, XUnit, Moq

**Web (NodeJs, JS, CSS, HTML)**:Angular, Backbone, Marionette, Bootstrap, Foundation, RequireJS, jQuery, Underscore, Gulp, Sass, WebPack

EDUCATION

**Zicklin School of Business, Baruch College**

MBA, General May 2020

**Binghamton University**  
MS, Electrical Engineering  May 2011  
BS, Electrical Engineering     May 2010  
BA, Music May 2010

WORK EXPERIENCE

**Lead Software Engineer-** New York, NY Jan 2023-Present

*Nomad Health*

* Develop Multitenant, enterprise, Full-Stack .NET Core and Angular based web applications and develop ETL pipelines.
* Directly respond to customer support requests to solve or develop solutions and features to meet their needs.
* Develop multithreaded, multiclient email ingestion tools.
* Create API integrations with multiple Vendor Management Systems (ICIMs, Wand etc) and integrating them with Applicant Tracking Systems (Bullhorn, Avionte, etc)
* Dockerize web applications and background service agents and orchestrate continuous integration and deployment practices.
* Manage and mentor remote, cross-country, time zone and cultural teams.

**Software Engineering Manager-** Brooklyn, NY Jan 2023-Present (consultant)

*Brooklyn Law School* December 2014-Jan 2023

* Lead the development, creation, and maintenance of multiple full-stack, cross-platform, cross-browser and mobile responsive web-applications using Angular, Sitecore Content Management Software (CMS), SharePoint and .NET platform.
* Implement Continuous Integration and Distribution build processes with automated testing and verification
* Supports all major aspects of university IT application and server infrastructure, including but not limited to, Application Development, System Administration, Database Administration, Support and Project Management
* Manage, direct and mentor junior developers
* Collaborates with stakeholders and end-users for project requirements, use cases, and acceptance criteria
* Spearhead major technology initiatives including, single-sign-on, cloud migration, and heavier use of open source tools/technologies.

**Software Engineer -** New York, NY June 2013-September 2014*FactSet Research Systems Inc*

* Developed financial portfolio analysis tool to meet Global Investment and Performance Standard (GIPS)
* Created single page web applications using customized Bootstrap and jQuery UI components in an MVC Architecture with BackboneJs and MariontetteJs with C/C++ backend
* Created test plans and testing frameworks for QA teams regression testing new products

**Research and Development Software Engineer -** Beverly, MA           March 2012-May 2013*Lexmark International (formerly, Perceptive Software and Nolij Corp)*

* Researched and developed image processing, segmentation, correction algorithms using FFT and frequency-domain filter techniques to improve accuracy of optical character recognition algorithm
* Developed Java-based web enterprise content management systems (NolijWeb) using the Agile Development process
* Instituted quality assurance processes, including: creating sample test code, API calls, database storage and UI layer features
* Integrated major third party products, such as ImageNow and Documentum, through APIs and REST-ful Web Services