

Taylor Clark

Developer of Technology

Profile

I've spent years building everything from AAA video games, to enterprise HR SaaS, to HIPAA-compliant EHRs, to augmented reality mobile apps. I'm an engineer to my core and love the whole process of building software. I'm looking for a new project to which I can meaningfully contribute and help accomplish great things.

Employment History

Tech Advisor at Taylor Clark Software, Kansas City, KS

July 2019 — Present

I moved to Kansas City at the beginning of 2016. Due to the insane amount of hours I put into Pair, I did not get out locally very often. I'm taking some time to focus on meeting other business owners around the city by offering tech advisory services.

Interim CTO at Care Coordination Systems, Chicago (Remote)

February 2019 — July 2019

Assisted a friend by handling all technical responsibilities for a few months. Helped improve the health of hundreds of thousands of at-risk citizens through powerful yet easy-to-use technology.

Tech: ASP.Net, .Net Core WebAPI, Oracle, AngularJS, TypeScript

Founder and CTO at Pair, Washington DC (Remote)

January 2015 — February 2019

Member of 500 Startups Batch 17. Introduced millions of people to augmented reality. Featured on the iOS App Store and in all Apple North America retail locations. Acquired by Manor Financial Inc. in 2019. Built or managed the building of all tech: iOS mobile app, 3D model file processing utility, RESTful API, database, admin web app, user landing site.

Tech: .Net WebAPI, AngularJS, ObjC, C++, Azure SQL, AWS S3+CloudFront, Grunt, TypeScript

Consultant at Farm Credit Services of America, Omaha, NE

May 2014 — January 2015

Brought on to help with the technology for the loan services division and underwriting. Was contacted at just the right time when I was looking for something to help my family move out of Chicago.

Tech: .Net MVC, CoffeeScript, NUnit, SQL Server, PhantomJS, Gulp

CTO at PIXL Group, Chicago, IL

August 2013 — May 2014

Launched PIXL Group to help people, businesses, and start-ups turn their ideas into successful digital products. Was part of the entire product life cycle from pitch to release. Built apps, mobile games, websites, and web apps.

Tech: .Net WebAPI, PhoneGap/Cordova, HTML5, ASP.Net, WordPress, MySQL

Details

Kansas City, KS

Links

[LinkedIn](#)

Skills

C#/.Net Core *Expert*

JavaScript/TypeScript *Expert*

RESTful Services *Experienced*

AngularJS/Angular 2+ *Experienced*

SQL Server/Oracle/MySQL
Experienced

C/C++ *Experienced*

Game Development *Experienced*

3D Graphics *Experienced*

Azure/AWS *Skillful*

Vue *Beginner*

Hobbies

Community involvement and organization, PTA, Girl Scouts

Consulting Lead Software Engineer at VAULT Innovation, Chicago, IL

[February 2013 — August 2013](#)

Worked on numerous projects providing technical expertise where needed. First started data mining student health records and processing records from a variety of sources and file formats into one large SQL Server database that I then analyzed for various metrics. I then helped architect and build a new school nurse management system.

Tech: .Net MVC, Web API, Ruby, Ruby on Rails, MongoDB, Sinatra, AngularJS

Consulting Lead Software Engineer at IDEO, Chicago, IL

[November 2012 — February 2013](#)

Brought onto a project to assist with development with a focus on resolving bugs, implementing a navigation system, and incorporating large-code base best practices. Part of creating a mini-Google Maps complete with path finding that could suggest that route with the shortest travel time or shortest distance traveled. Used QT/QML to create a cutting-edge in-car dashboard system prototype for Ford.

Tech: QT, QML, C++

Senior Software Engineer at Red Foundry, Chicago, IL

[January 2012 — November 2012](#)

Worked on the front and back end of the portion of Red Foundry's product that allows users to create apps with minimal code. Implemented an Intellisense-like system to increase code writing productivity. Implemented a sample application system to help users learn the product faster. Setup analytics so we could make informed decisions about how our customers used the product.

Tech: ASP.Net, HTML5, JS, Complex XSLT, SQL Server

Senior Software Engineer at Silkroad Technology, Boston, MA

[January 2007 — January 2012](#)

Was part of a team working that built enterprise employee life cycle management web applications. Responsible for creating and maintaining stored procedures, user-defined functions, and triggers in SQL Server 2005. I designed and implemented the entire notification system that is used to alert users of changes within the system. I am, and always have been, a huge usability advocate. I used AJAX and third-party libraries to streamline the user interface and reduce apparent complexity as well as load time. I am one of the team members responsible for interviewing engineers who apply for a job.

Tech: ASP.Net, SQL Server, Selenium

Owner at Gamers Computer Arcades, Sioux Falls, SD

[October 2004 — January 2007](#)

My business partner and I opened and ran Sioux Falls' most successful gaming center. Responsible for all aspects of creating and managing a small retail business from finding funding to automating process with software to maintaining inventory to dealing with customers.

Tech: SmartLaunch, C#, QuickBooks

Software Engineer at Monolith Productions, Kirkland, WA

[December 2001](#) — [October 2004](#)

Achieved my childhood dream of making video games professionally.

Released The Matrix Online massively multiplayer online role playing game (MMORPG). Primarily responsible for the game object creation tool, non-player character (NPC) configuration tool, in-game options, combat (both client and server logic), and in-game GUI.

Tech: C++, DirectX, Win32, C#, low-level networking

Education

BCS, DigiPen Institute of Technology, Redmond, WA

[August 2000](#) — [July 2003](#)

Was featured in Nintendo Power for our sophomore year game project, Mall Monster.

References

References available upon request

Courses

MSHFID, Human Factors, Bentley University

[January 2008](#) — [June 2008](#)

Extra-curricular activities

Board Member at Leavenworth Road Association, Kansas City, KS

[January 2018](#) — [October 2019](#)

Secretary of the LRA Neighborhood Business Organizations. My family and I were the parade marshals for the 2019 Leavenworth parade.

Board Member at Margate Park Block Club, Chicago, IL

[March 2010](#) — [March 2014](#)