

CASEY TOWNSEND

User-Centered Software Engineer

CONTACT

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SKILLS & TOOLS

Web Development

HTML & Razor
CSS & Sass
JavaScript & jQuery

Web Frameworks

ASP.NET Core
ASP.NET MVC
Angular 2+

Programming

C# & LINQ
TypeScript
SQL & T-SQL

Development Tools

Visual Studio
Bitbucket & Jira
Azure Web Services

User Experience

User Research
Information Architecture
Usability Evaluation

PROCESSES

Discovery & Ideation
Business Analysis
User-Centered Design
Agile Development

EDUCATION

DePaul University

Master of Science, Human-Computer Interaction

Aug. 2018

Arkansas Tech University

Bachelor of Science, Information Systems

May 2014

EXPERIENCE

Tecture

Software Developer

May 2017 - Present

Modernized a medical board's certification system to paperless with ASP.NET Core
Developed a maintenance of certification platform for physicians with ASP.NET MVC
Migrated a custom-CMS venue ticketing system to an ASP.NET Web API platform
Managed resources, budgets, and timelines of agile projects scoped up to 350 hours
Built proof of concepts in Angular 6/7 for clients seeking to jumpstart business ideas
Participated in discovery initiatives, producing wireframes, sitemaps, and UX artifacts
Architected websites of bioscience companies for rebranding and reorganization

Hyla Soft

Senior Analyst Programmer

July 2015 - Oct. 2016

Gathered user requirements for facilities that manufacture crop protection products
Demonstrated the use of rapid prototypes among developers and analysts
Facilitated a UX persona workshop with client stakeholders and team members

IT Analyst

Supported systems that automate the assembly of commercial aircraft fuselages
Developed ASP.NET MVC applications for manufacturing execution systems
Established test-driven development practices with unit tests using NUnit and Moq
Leveraged guerrilla user research methods to improve user acceptance during QA

ArcBest Technologies (ABF Freight)

Systems Analyst

June 2014 - May 2015

Contributed to an integrated quotations system between ABF and its new subsidiary
Improved coordination and logistics between carriers with hybrid shipment options
Converted .NET Remoting to WCF Services for an enterprise-wide migration
Prototyped supporting utility applications (WPF) using wireframes and XAML