



Timothy M. Wells

B.S. IN COMPUTER SCIENCE · B.A. IN FILM & PHOTOGRAPHY · MINOR IN MATHEMATICS

Full-stack web developer, video editor, creative writer, & game hobbyist

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Work Experience

Software Developer

Bozeman, MT

Tadpull, Inc.

July 2019 - Present

- Contributed to design, programming, and maintenance of multiple function and web applications in .NET Core and .NET Framework.
- Implemented and worked with multiple API integrations, including Google Analytics, Google Maps, Mautic, Browserless.io, Bronto, and Klaviyo in order to sync e-commerce data between various ERP, ESP, CRM, marketing automation, and website behavior platforms.
- Developed a customizable dashboard builder for displaying key actionable metrics for e-commerce platforms using multiple data sources.
- Defined and managed a processes for internal review and QA of new feature sets and changes to the codebase.
- Managed application deployments to testing and development web servers and managed updates to database schemas.
- Developed actionable real-time alerts as well as recurring reports based on anomalies within client data sets.
- Worked directly with e-commerce businesses to ensure optimal implementation of automated tracking of site behavior and predictive data analytics in order significantly increase sales, user retention, conversion rate, campaign effectiveness, and net promoter score.

Teaching Assistant

Bozeman, MT

Greg Gianforte School of Computing

Jan. 2019 - May 2019

- Led weekly lab sections in order to facilitate hands-on learning of essential programming skills for both novices and experts.
- Evaluated student performance on a weekly basis in order to provide necessary feedback for continuous improvement.

Digital Content & Marketing Assistant

Bozeman, MT

MontanaPBS

Mar. 2018 - Sep. 2018

- Used Bento 3.0 CMS in conjunction with JavaScript, HTML, and CSS to deploy approximately 2,000 pages of MontanaPBS's new website.
- Wrote and produced digital content, overseeing all phases of production. Edited interviews and 360° video for social media.
- Increased followers and engagement on social media by managing Facebook, Twitter, Instagram, and YouTube accounts.

Proficiencies & Skills

Languages: C#, TypeScript/JavaScript, Python, Java, HTML/CSS, MSSQL/PostgreSQL/MySQL, PHP

IDEs/Editors: VS Community, VS Code, NetBeans, Eclipse, IntelliJ, Android Studio, Notepad++

Technologies: .NET Core & Framework, Entity Framework, Angular, Git, Google App Engine

Software Proficiencies: Google G Suite, Google Analytics, SQL Server Management Studio, TablePlus, Adobe Creative Suite, Unity

Education

Montana State University

GPA: 3.82

B.S. IN COMPUTER SCIENCE AND B.A. IN FILM & PHOTOGRAPHY WITH A MINOR IN MATHEMATICS

Aug. 2014 - May 2019

Honors & Awards

2017-18 **Recipient**, Undergraduate Scholarship Program (Two-time Recipient)

MSU, Bozeman, MT

2014 **Recipient**, Provost Scholarship

MSU, Bozeman, MT

2014 **Recipient**, National Merit Scholar

NMSC

Software Projects

The Juice Press

www.thejuice.press

Lead Developer

2020

- Developed a .NET Core web application for writing, publishing, and sharing satire articles. Continued to update based on new requirements.
- Managed additional code contributors and submission, editing, and publication of articles by users.

RPG MegaMart

www.rpgmegamart.com

Lead Developer

2020

- Designed, planned, and programmed a publicly accessible MVC web application for role-playing game settings.
- Users can purchase, submit, and customize items for gameplay. Continued to update site based on new requirements and user feedback.
- Deployed application to Google App engine bundled with .NET Core 3.1 runtime and connected to PostgreSQL database.

Cluest

github.com/invigoro

Project Manager/Lead Developer

2018-2019

- Led development, design, and coding of a fun, intellectually challenging mobile game built in React Native.
- Seamlessly integrated front-end UX with non-relational Google Firebase database in order to ensure data persistence and accessibility.