Timothy M. **Wells**

B.S. IN COMPUTER SCIENCE · B.A. IN FILM & PHOTOGRAPHY · MINOR IN MATHEMATICS · MAY 2019

Bozeman, Montana

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Education

Montana State University   *GPA: 3.80*

B.S. IN COMPUTER SCIENCE AND B.A. IN FILM & PHOTOGRAPHY WITH A MINOR IN MATHEMATICS   *Aug. 2014 - May 2019*

Proficiencies & Skills

Languages/Libraries   Java, JavaScript, Python, HTML/CSS, PHP, MySQL, C++, C, React Native, OpenCV, LaTeX
IDEs/Editors: NetBeans, Eclipse, IntelliJ, Android Studio, VS Code, Atom, Notepad++
Software Proficiencies: Microsoft Office, Adobe Creative Suite, Google G Suite, Google Analytics, Sony Movie Studio/Vegas Pro

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*

Independent Projects

Apps & Websites   *Bozeman, MT*

Project Manager/Lead Software Engineer/Web Developer & Designer/Programmer   *Aug. 2018 - Present*

- **"Cluest":** Led development, design, and coding of a fun, intellectually challenging mobile game built in React Native. Working to seamlessly integrate front end user experience with NoSQL server via Google Firebase in order to ensure data persistence and accessibility.
- **"Cat's Conundrum":** Designed and implemented a mobile app to remotely control a custom-built RC car for completion of a challenge course. Managed complex work schedules and timelines to deliver a final product with optimal functionality and an intuitive GUI.
- **RPG Store:** Designed, built, and hosted a PHP and MySQL-based website for use in role-playing game settings. Users can purchase, submit, and customize items for gameplay. Continued to update the site based on new requirements and user feedback.

Film Productions   *Bozeman, MT*

Writer/Director/Producer/Colorist   *May 2017 - July 2018*

- **"The Territory's Best":** Led production from start to finish, including initial planning of the process, obtaining funding through online donation campaigns and writing grant proposals, and managing project specifications and timeline for development. Communicated artistic vision to cast and crew. Repeatedly audience tested edits of the film, re-shooting scenes when necessary. Received 9 nominations at the 2018 Tracy Awards, including Best Screenplay and Best Picture. Received 'Best Short Western' award at the Olympus Film Festival.
- **"Lucid":** Managed personnel, equipment, and finances throughout project. Led weekly team meetings and facilitated progress of production to be completed before 16-week deadline. Oversaw a cast and crew of approximately 30 people and managed travel, expenses, and safety across multiple remote locations. Presented the project results at the Undergraduate Research Symposium.
- **"Going Nuts" (24 Film Challenge):** Worked with team members to brainstorm and write several drafts of a screenplay. Organized actors, crew, and location for filming. Directed camera work, lighting, and talents' performances. Color-corrected the film during editing. Submitted completed film to international festival within 24 hours of starting the first draft.

Work Experience

Teaching Assistant   *Bozeman, MT*

Greg Gianforte School of Computing   *Jan. 2019 - Present*

- 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, and Instagram accounts.

Graphics Operator   *Bozeman, MT*

MontanaPBS   *Sep. 2017 - Present*

- Created and modified graphics in Ross XPression and Adobe Creative Suite for display on live stadium video board and online streaming.
- Operated graphics computer, switcher, tape, and replay during Montana State basketball and football games.