

Benjamin Miller

Full-stack web and software developer

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Work history

Front End Web application Developer

Feb 2018 – current

Humboldt State University Library

- Worked with Stakeholders and managed production team in the rapid development of a prototype to assist faculty in assessing information literacy
- Used agile and scrum development process to properly track and analyze project development and target areas of group success and improvement
- Mentored junior developers and provided feedback and assistance in the form of paired programming and sprint reviews
- Project Repository: <https://github.com/hsu-library-project-x>
- Worked with Stakeholders and production team in the rapid development of a successful prototype that gathered & analyzed seating use survey data.
- Built open source web app for HSU Library Dean and staff that improved library seating usage by up to 23%.
- Presented to Library for feedback and use case analysis
- Used Languages: JavaScript, HTML5, CSS3, MySQL, PHP, and Ajax
- Publications: [Where We Sit and How often We Sit There](#)
 - [How Data Improved Our Library Space](#)
- [Open Source Code Link : https://github.com/LibrarySpaceUse](https://github.com/LibrarySpaceUse)

Sound Engineer

Jul 2013 – Feb 2014

Flowplay – Develops community-based virtual worlds for 75 million gamers all over the world

- Developed and debugged sound effects for animated images and gifs used in Flowplay's games
- Created original audio content for games using Ableton Live and Reason software
- Worked on a two-week scrum cycle with developers, learning team communication in correlation with product quality
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Chemistry Lab Intern

Summer 2010, 2011

Rathod Lab at University of Washington

- Synthesized a special chemical compound used in research on a cure for HIV and AIDs
- Maintained purifying apparatuses and purified sensitive tools
- Learned how to follow HIPPA protocols for handling sensitive information and handle products in the context of workplace safety

Skills

JavaScript, HTML5, CSS3, PHP, Leaflet.js, MySQL, Oracle, OOP, C++, Java, Node.js, React.js, AWS, Strong Interpersonal communication skills

Education

Humboldt State University
Cascadia College
McGill University

BS Computer Science
AS Web App Technology
General Education

May 2019
Jun 2017