
JOSEPH M. REGAN

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United States Citizen

Programming languages:

- HTML, CSS
- IDL
- MATLAB
- Python
- Java, C++, C#

Operating Systems:

- Windows 98, XP, 7, 8, 10
- Linux (Ubuntu, Mint)

Software:

- MS Office: Excel, Word, Powerpoint, Publisher,
- Java: *Eclipse IDE*, *BlueJ IDE*
- Python: *IDLE*, *PyCharm IDE*
- C++: *MS Visual Studio*, *Notepad++*
- Text Editors: *Brackets*, *Atom*, *Vim*, *IntelliJ*

Objective

I am a **young professional** seeking a first career opportunity to leverage my **Bachelors Degree in Physics**, minors in Mathematics and Astronomy, **exceptional software programming and computer skills**, as well as **research and data analysis experience**, in order to contribute to an exciting, technical, professional team in a collaborative work environment. I bring excellent communication, problem-solving, and team-based skills to benefit a positive culture, community development, and a healthy work atmosphere.

Experience

Weekends Only Furniture, St. Louis, MO — 1/2017 - 6/2017

Web Programmer Analyst

Responsible for the development of database-driven web-programming, related to customer accounts, user experience, and inventory management.

Weekends Only Furniture, St. Louis, MO — 10/2016 - 1/2017 and 6/2017 - Present

Operations Associate

Responsible for handling, shipping, and receiving of customer-owned furniture as well as customer interaction and inventory management.

Missouri State University, Springfield, MO — 9/2014 - 12/2015

Undergraduate Astrophysics Research Associate

Responsible for image-reduction software development and data analysis, in support of exoplanet detection around M-Dwarf stars, using the *CSHELL* Spectrograph and the NASA IRTF at Mauna Kea observatory and the Missouri State high-performance computing cluster "Exo."

Missouri State University/NASA EPSCoR, Springfield, MO — 5/2014 - 8/2014

Undergraduate Research Intern

Responsible for the operation of software used on the 16-inch research telescope at Baker Observatory, Marshfield, MO. Hosted NASA public observing nights, presented outreach programs, and engaged visitors in observing.

Education

Washington University, St. Louis, MO — 6/2016 - 11/2016

Summer of Code Program

Missouri State University, Springfield, MO — 12/2015

Bachelor's Degree, Physics. *Minors: Mathematics, Astronomy*

Leadership and Volunteer Experience

- Japanese Animation Club of Missouri State University - 2011 - 2015
 - *President 2013-2015*
 - *Vice President 2012-2013*
 - *Secretary 2011-2012*
- Baker Observatory - Public Viewing Night Presenter - 2015
- Springfield Discover Center - Education Assistant and Exhibit Designer - 2015