

Adam J. Burns

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Education:

University of Illinois. Urbana-Champaign

- Atmospheric Sciences, College of Liberal Arts and Sciences
- Overall GPA: 3.11
- Major GPA: 3.73

Qualifications:

- Strong programming background in C, C++, Fortran, Mathematica, MATLAB, Python, Ruby, Java, Javascript, Visual Basic, QT, OpenGL
- Extensive knowledge of Word, Excel, Access, Powerpoint
- Proficient in Linux/Unix, Windows XP/7/8
- Experience with weather data acquisition and analysis
- Ability to clearly and directly communicate information
- Background in teaching abstract concepts to students

Work History:

August 2010 - Current

Student Assistant

University Library · University of Illinois at Urbana-Champaign
1408 W. Gregory Dr.
Urbana, IL 61801.

- Performed customer service duties on a daily basis
- Processed and cataloged new items
- Reorganized and simplified large database systems
- Collected and analyzed circulation statistics

June 2013 - Current

Literature and Languages Library

August 2013 - Current

Rare Book and Manuscript Library

August 2010 – May 2012

Business and Economics Library

June 2013 – Current

Student Assistant

Department of Atmospheric Sciences
University of Illinois at Urbana-Champaign

- Designed and built custom data logging circuits
- Researched meteorological sensing technology
- Instructed students on the operation of data logging circuits

Research:

- Extensive investigation into optimal 3D display systems for use with stereoscopic imagery from the MISR satellite
- Improvement of stereoscopic display software for use with a 3D television in a museum-like setting
- Investigated meteorological sensing technologies and designed custom systems based on project goals set by students

Awards/Achievements:

2013

- University of Illinois Student Employee of the Year Nominee

2009

- National Honor Society Officer

Memberships:

- American Meteorological Society – Student Member

References:

Zoe Revell - Reference and Circulation Desk Supervisor, 217-333-3619

Tony Hynes - Public Service Manager - Rare Book and Manuscript Library, 217-333-3777

Albert, Stuart - Literatures and Languages Library, 217-300-4611