


Abhishek Aich

WCH 371, University of California Riverside, CA 92521, USA
aaich@ece.ucr.edu •  •  • 

EDUCATION

University of California, Riverside, CA, USA

- Ph.D. in Electrical and Computer Engineering

Sep 2018 – Present

- Adviser: Dr. Amit K. Roy-Chowdhury | Co-adviser: Dr. M. Salman Asif
- Focus: Computer Vision, Computational Imaging.

National Institute of Technology, Tiruchirappalli, Tamil Nadu, India

- M.S. in Electronics and Communication Engineering

2016 – 2018

- Thesis: Exploiting Sparsity for Direction of Arrival Estimation Algorithms in Linear Array
- Adviser: Dr. P. Palanisamy
- GPA: 8.80 / 10.00

Biju Patnaik University of Technology, Rourkela, Odisha, India

- B.Tech. in Electronics and Communication Engineering

2011 – 2015

- Thesis: Target Tracking using Parametric Spectral Estimation Methods
- GPA: 9.02 / 10.00

EXPERIENCE

Institute for Advanced Research, Science College

- Undergraduate Research Student, Science Department

May 2004 – May 2005

- Project: Investigations on the Use of Lasers to Measure Climate Change
- Supervisors: Prof. Jane Citizen and Dr Ann Yone
- Focus: Climate change, lasers, statistical analysis, data analytics.

PUBLICATIONS

JOURNALS

- [10] J. Doe, J. Citizen, and A. Yone, “On lasers and climate change,” *Journal of Science*, vol. 89, no. 2, pp. 4123–4133, Feb 2008.
- [1] J. Doe and J. Citizen, “Measuring the extent of climate change,” *Global Scientific Journal*, vol. 12, no. 4, pp. 330–352, Dec 2006.

CONFERENCES

- [1000] J. Doe, J. Citizen, and A. Yone, “On lasers and climate change,” in *Proceedings of the Laser Symposium*, Las Vegas, Nevada, USA, Jan 2007.
- [100] A. Yone and J. Doe, “Climate change and general relativity,” in *Proceedings of the International Astronomical Conference*, Sydney, Australia, Aug 2006.
- [10] J. Doe and J. Citizen, “Measuring the extent of climate change,” in *Proceedings of the International Climate Change Conference*, London, UK, Nov 2005.

AWARDS & SCHOLARSHIPS

- Dean’s List, Fall 2002 through Spring 2005, Science College
For attaining a semester GPA of at least 3.75.

2002 – 2005

- Undergraduate Researcher Award, Science College
For outstanding scientific contributions in the fields of lasers and climate change.

May 2005

- Chess Tournament, First Prize, Science College
Awarded at the Tenth Annual Chess Tournament held during Open House.

Mar 2003

- International Science Scholarship,
Global Science, Technology, Engineering, and Mathematics Foundation
Full-tuition scholarship with stipend for undergraduate studies. One of 42 awardees in the world.

Dec 2001

PROFESSIONAL AFFILIATIONS & ACTIVITIES

Joint Society of Earth Scientists and Global Think Tank on Climate Resiliency, North Attleborough, Massachusetts, USA

- Member

2009 – Present

CAMPUS ACTIVITIES

First Volunteers Club, First American University

Aug 2006 – Aug 2007

- **President** Aug 2006 – Aug 2007
 - Lorem ipsum dolor sit amet, consectetur adipiscing elit.
 - Curabitur vitae laoreet velit, vel ultricies est. Nam nec elit ac ante facilisis ultrices.
 - Wel turpis efficitur, non lacinia orci maximus.
 - Proin rhoncus, felis vel hendrerit lacinia.
 - Integer sit amet turpis dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc at orci eu leo vulputate finibus sed et sem.
 - Suspendisse volutpat sapien et mi cursus, gravida ornare mauris sollicitudin.

OTHER WORK EXPERIENCE

Alpha Engineering Firm, Oakland, Ohio, USA

Oct 2007 – Jan 2008

- Project Officer, Department of Meteorological Sciences, Oct 2007 – Jan 2008
Research & Development Division
 - Nullam venenatis egestas nisl eget elementum.
 - Nulla finibus justo vel turpis efficitur, non lacinia orci maximus. Proin rhoncus, felis vel hendrerit lacinia, enim ipsum ultricies massa, sit amet interdum nisi massa sit amet justo.
 - Etiam vitae eros mollis, consectetur quam quis, molestie massa.

LANGUAGES

- English: Native language.
- Spanish: Fluent (speaking, reading, writing).
- Latin: Intermediate (reading); basic (speaking, writing).

SKILLS

T_EX, L^AT_EX, X_YL^AT_EX, MATLAB, Mathematica, Maple, R, Tableau, Adobe Photoshop, Adobe Illustrator, Microsoft Word, Microsoft Excel, Microsoft PowerPoint.

INTERESTS

Digital photography, typography, swimming.

REFERENCES

- **Professor Jonathan Public**
Professor of Geology and Mechanical Engineering
First American University
1000 First Avenue, Springfield, Massachusetts 22222, USA
jonathanpublic@example.com • +1 (555) 222-2222
- **Dr Alice Bob Carol**
Director, Research & Development
Alpha Engineering Firm
20 North Street, Oakland, Ohio 33333, USA
alicebobcarol@example.com • +1 (555) 333-3333

MULTILINGUAL UNICODE EXAMPLES

- Assortment of unicode characters from <http://www.ltg.ed.ac.uk/~richard/unicode-sample.html>

THIS IS A
SECTION
WITH
USAGE NOTES

THIS IS A SUBSECTION

- Use `\Section{a}{b}{c}` and `\SubSection{a}{b}{c}` to create sections and subsections, where **a** is the heading displayed on the page, **b** is the PDF bookmark heading, and **c** is the internal PDF link (must be unique). Sections and subsections will appear in the PDF bookmarks. Note the CamelCase command names.
- Use `\Entry`, `\BulletItem`, `\SubBulletItem`, `\SubSubBulletItem`, `\Item`, `\SubItem`, `\SubSubItem`, `\NumberedItem`, etc., to create entries in the main body of the CV.
- Enclose entry details between `\begin{Detail}` and `\end{Detail}` so that they are typeset in a smaller font. This is an example of entry detail text enclosed in a **Detail** environment.
- Use `\Gap` and `\BigGap` to insert vertical spaces between entries to improve layout.

THIS IS ANOTHER SUBSECTION

This is a plain `\Entry`, followed by an `\hfill` and a date range

Oct 2015 – Dec 2015

- This is a `\BulletItem`.
This is an `\Item`, which has no bullet. Note the alignment with the `\BulletItem` above.
 - This is a `\SubBulletItem`.
This is a `\SubItem`, which has no bullet. Note the alignment with the `\SubBulletItem` above.
 - This is a `\SubSubBulletItem`.
This is a `\SubSubItem`, which has no bullet. Note the alignment with the `\SubSubBulletItem` above.
- [42] This is a `\NumberedItem`. Change the value of the macro `\MaxNumberedItem` to adjust the indentation width.

LINE, PARAGRAPH, AND PAGE BREAKS

- To create a new line within the same paragraph (i.e., preserving the same paragraph indentation), use `\newline` instead of `\;`; the latter will reset the paragraph indentation.
- To create a new paragraph, use `\par` or simply leave an empty line. Paragraph indentations (from `\Entry`, `\BulletItem`, `\SubBulletItem`, `\SubSubBulletItem`, `\Item`, `\SubItem`, `\SubSubItem`, `\NumberedItem`, etc.) do not carry across different paragraphs.
- To create a new page, use `\newpage`.

DATES

- Use the following macros to specify and display dates consistently:
 - `\DatestampYMD{yyyy}{MM}{dd}` (e.g., `\DatestampYMD{2008}{01}{15}`)
 - `\DatestampYM{yyyy}{MM}` (e.g., `\DatestampYM{2008}{01}`)
 - `\DatestampY{yyyy}` (e.g., `\DatestampY{2008}`)
- Change the date format option passed to the document class to adjust how dates are displayed throughout the document:
 - `MMMyyyy` (“Jan 2008”)
 - `ddMMMyyyy` (“15 Jan 2008”)
 - `MMMMyyyy` (“January 2008”)
 - `ddMMMMyyyy` (“15 January 2008”)
 - `yyyyMMdd` (“2008-01-15”)
 - `yyyyMM` (“2008-01”)
 - `yyyy` (“2008”)

[CV compiled on 2018-12-28 for Academic purposes]