




# Dr. Justin Albert

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# Web Development

**Github:** [jalbert12485](https://github.com/jalbert12485)  
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**Pdf Version:** [Open](#)

## Profile

A mathematician turned web developer looking for an opportunity to use his vast technical and publishing experience to help create websites, algorithms and more.

## Education

**Ph.D.** in Mathematics, *Marquette University*, Milwaukee, WI. Dec. 2012

**B.A.** in Mathematics and Music, *Carthage College*, Kenosha, WI. May 2006

## Certificates

**Full-Stack Development**, *Northwestern University*, Evanston, IL. Dec. 2020

## Experience

**Instructor**, *Virginia Commonwealth University*, Aug. 2016 to May 2020

**Assistant Professor**, *Carthage College*, Jan. 2013 to May 2016

**Lecturer**, *Alverno College*, Aug. 2012 to Dec. 2012

**Adjunct Faculty**, *Marquette University*, Aug. 2006 to Dec. 2012

## Skills

Web Development	Algorithms	Programming
Object-Oriented	Cascading Style	HTML
Programming	Sheets (CSS)	
(OOP)		
JavaScript	JSON	Node.js
React.js	MongoDB	Mongoose
NoSQL	MySQL	Sequelize
SQL	GitHub	Git
Bootstrap	jQuery	Heroku
APIs	Express.js	Coding
Mathematics	Research	Publishing
Higher Education		

## Publications

### Bands with High Symmetry and Uniform Bands

[Albert, J. \(2012\). \*Bands with high symmetry and uniform bands\*. Doctoral dissertation, Marquette University, Milwaukee.](#)

### Free Split Bands

[Pastijn, E., Albert, J. Free split bands. \*Semigroup Forum\* 90 \(2015\): 753-762.](#)

### Semilattice Transversals of Regular Bands I

[Pastijn, E., Albert, J. Semilattice transversals of regular bands I. \*Communications in Algebra\* 45 \(2017\): 4979-4991.](#)

### Semilattice Transversals of Regular Bands II

[Pastijn, E., Albert, J. Semilattice transversals of regular bands II. \*Semigroup Forum\* 95 \(2017\): 423-440.](#)

## Uniform Bands

Albert, J., Pastijn, F. Uniform bands. *Proceedings of the Edinburgh Mathematical Society* (2) 57 (2014): 575-587.